



# PNEUMATIC

MOUNTING PARTS  
FOR PNEUMATIC CYLINDERS  
FISSAGGI PER CILINDRI PNEUMATICI





NR di NISOLI SRL has been on the market since 1968, constantly engaged in a continuous process of research and upgrading of the machines and of production techniques, aiming to offer products and services of high level quality which are well known all over the world.

Most of our production is exported throughout Europe and the rest of the world, fulfilling the request for quality of the most famous and qualified companies operating in the sector of pneumatic automation worldwide.

NR di Nisoli SRL è presente sul mercato dal 1968, costantemente impegnata in un continuo processo di ricerca e ammodernamento dei macchinari e delle tecniche di produzione, con lo scopo di offrire un prodotto e un servizio di alto livello qualitativo ad oggi riconosciuto in tutto il mondo.

La maggior parte della nostra produzione viene esportata in tutta Europa e nel resto del mondo, esaudendo le richieste di qualità delle più famose e qualificate aziende che operano nel settore dell'automazione pneumatica a livello mondiale.

## 1968

Company Nisoli Alessandro & Resmini Mario is founded:  
main activities are mechanical works and turning  
Nasce la società Nisoli Alessandro & Resmini Mario che  
si occupa di lavorazioni meccaniche e tornitura

## 1974

Production of mounting parts for pneumatic cylinders is  
started for Italian market  
Inizia la produzione di fissaggi per i cilindri pneumatici  
per soddisfare il mercato italiano

## 1993

NR mounts are exported to all European countries  
I fissaggi NR iniziano ad essere esportati in tutta Europa

## 1994

Company Nisoli & Resmini SRL is given the Management  
System Certificate ISO 9001:2008 by DNV GL BUSINESS  
ASSURANCE

Alla ditta Nisoli & Resmini SRL viene riconosciuta la  
Qualità del sistema di gestione ISO 9001:2008 con certifi-  
cato emesso da DNV GL BUSINESS ASSURANCE

## 2000

NR moves to a new plant growing up to 7.500 sqm  
covered surface and 17.000 sqm total area  
NR ha una nuova sede ampliando a 7.500 mq la super-  
ficie coperta e a 17.000 mq l'area totale

## 2006

NR starts a partnership with the biggest producers of  
pneumatic cylinders in the world and exports increase  
steadily

NR inizia una partnership con i più grandi produttori  
mondiali di Cilindri Pneumatici, aumentando l'esporta-  
zioni in tutto il mondo

## 2008

NR widens its range of production by introducing  
mounts in stainless steel  
NR amplia la propria gamma producendo fissaggi in  
acciaio inossidabile

## 2014

Nisoli & Resmini SRL becomes NR di Nisoli Srl  
Nisoli & Resmini SRL diventa NR di Nisoli Srl

## 2016

New NR company certifies its quality with the standard  
ISO 9001:2015  
La nuova NR di Nisoli SRL certifica la propria qualità con  
lo standard ISO 9001:2015

## 2017

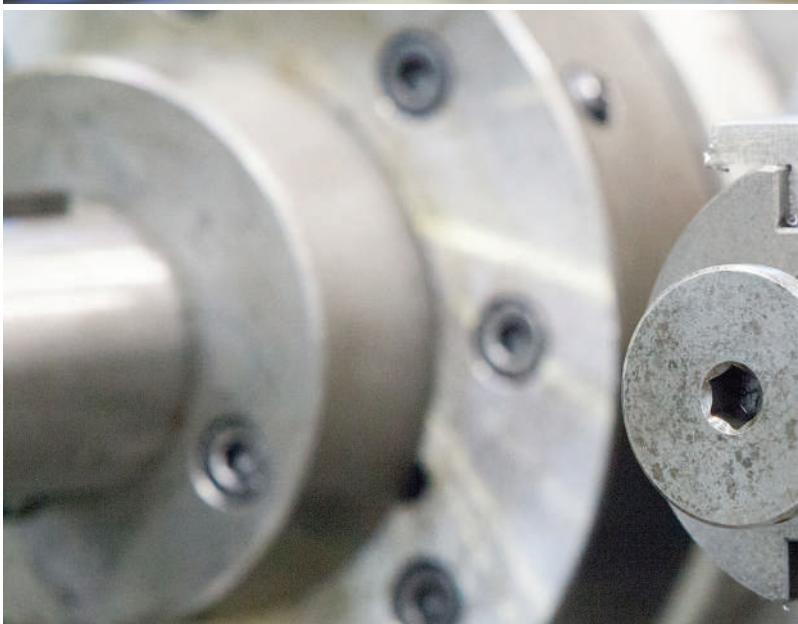
NFPA mounts start to be developed as well as big sizes in steel.  
Inizia lo sviluppo dei fissaggi a Norma NFPA e i grandi  
diametri in acciaio.

## 2018

The NR NISOLI is a registered trademark. Celebrated the  
50th year of activity  
Il marchio Nisoli viene registrato. Festeggiato il 50esimo  
anno di attività

We currently produce over 300.000 pcs in aluminium and 100.000  
pcs in steel every year and we export over 65% of our products  
worldwide. We are certified ISO 9001/2015

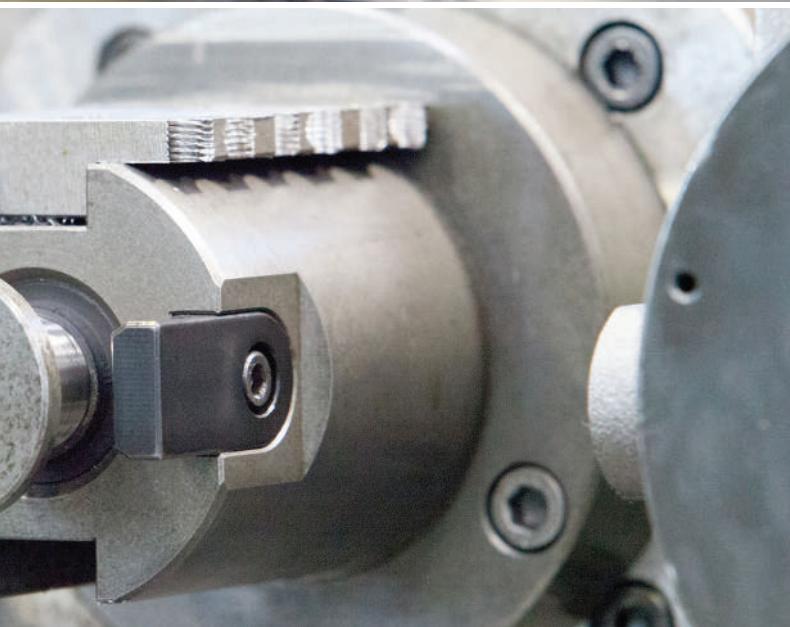
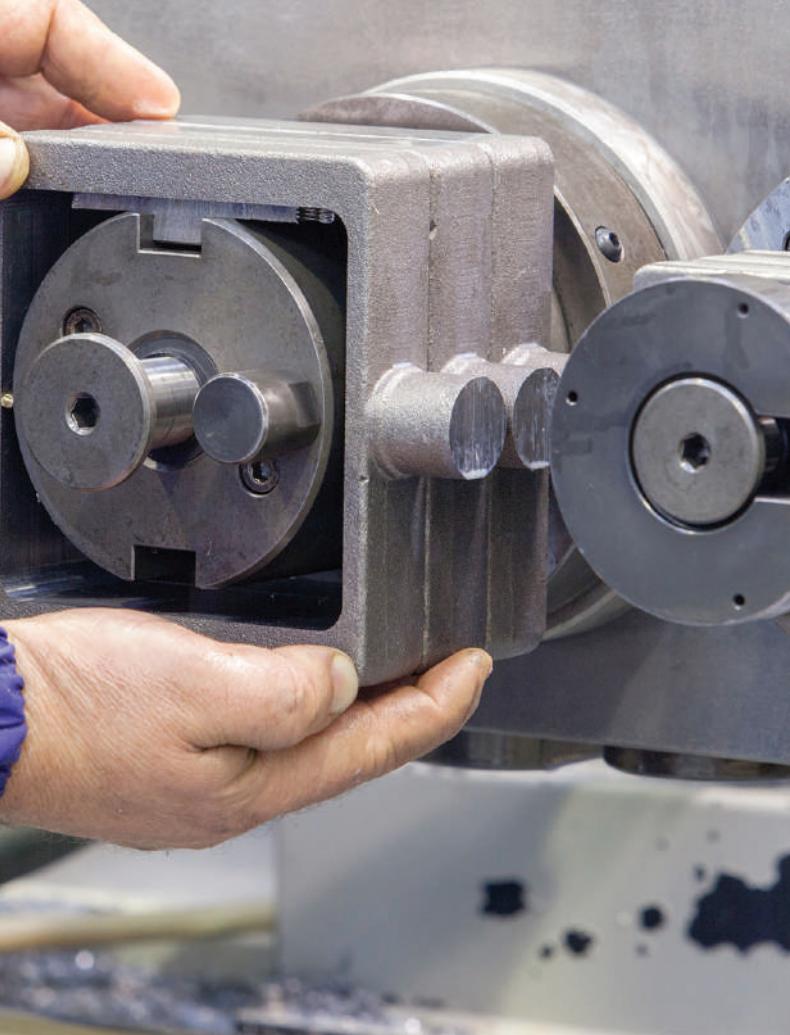
Attualmente produciamo più di 300.000 pezzi in alluminio e 100.000  
pezzi in acciaio ogni anno, esportando in tutto il mondo più del  
65% della nostra produzione. Siamo certificati ISO 9001/2015

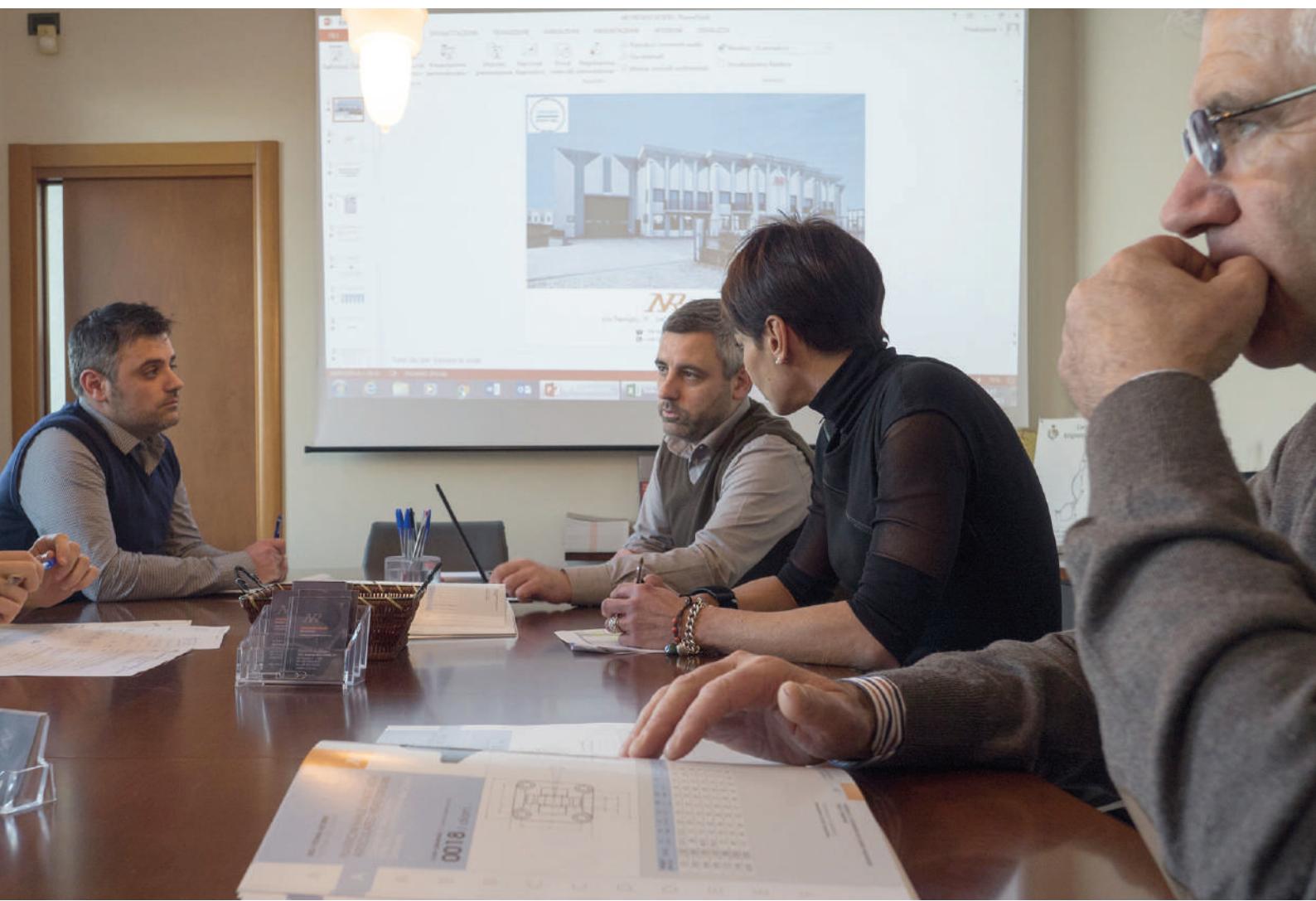


A FIFTY  
YEARS OLD  
HISTORY

50  
1968 | 2018

UNA STORIA LUNGA 50 ANNI







Our machinery is set according to the highest technology, including: CNC machines, lathes and robots that provide all our products with the highest level of quality and precision processing.

Il nostro parco macchine si avvale di mezzi ad alta tecnologia quali: centri di lavoro e torni CNC, transfert CNC e robot che conferiscono ai nostri prodotti un alto livello di qualità e precisione nelle lavorazioni.



Since 1994 we have been fully certified according to UNI EN ISO 9001 standard, our quality control system through all stages (acceptance, processing and stocking), our precision tools and the formative experience of all our staff guarantee to our customers the absolute reliability and safety of our products.

Siamo certificati dal 1994 secondo la normativa UNI EN ISO 9001, il nostro sistema di controllo in tutte le fasi (in accettazione, lavorazione e stoccaggio), gli strumenti di misura utilizzati e l'esperienza formativa di tutto il nostro personale garantiscono al nostro prodotto affidabilità e sicurezza nei confronti dei nostri clienti.



## OUR COMPANY LA NOSTRA AZIENDA

# CHARACTERISTICS OF THE TREATMENTS

## CARATTERISTICHE DEI TRATTAMENTI



### WHITE ZINC COATING ZINCATURA BIANCA

This is the only process complete with hexavalent chrome-free products available worldwide that meet all existing, and many future, zinc and zinc alloy passivation requirements.

The process meet all EOLV-ROHS Directives through their use of trivalent chromium and pass all automotive industry test requirements, including GM 3034. The perfect drop-in replacement for hex-based offerings, they have all been rigorously tested and used in some of the world's largest, full scale industrial conditions, ensuring that they meet the highest specifications from applicators and end users. This treatment gives high performance alternatives to hex chrome that not only reduce "white rust" but also deliver exceptional cosmetic appearance.

Questo processo è l'unico completo di prodotti passivanti esenti da cromo esavalente disponibile al mondo per l'applicazione su zinco e leghe di zinco. Estremamente resistente agli shock termici, può essere utilizzata in campi di applicazione dove i prodotti tradizionali non forniscono buone prestazioni.

Il processo soddisfa le direttive ELV-ROHS riguardanti l'impiego di cromo esavalente e supera tutti i test dell'industria automobilistica, compreso il GM 3034. Offre un'ampia gamma di soluzioni industriali, tutte rigorosamente verificate, in accordo con le più importanti specifiche, dall'applicatore, all'utilizzatore finale. Questo trattamento offre alte prestazioni in alternativa al cromo esavalente, non solo in termini di resistenza alla corrosione, ma anche sotto il profilo estetico.

#### CHEMICAL PHYSICAL CHARACTERISTICS | CARATTERISTICHE CHIMICO FISICHE

| Thickness microns              | 6 -14                | Spessore microns        |
|--------------------------------|----------------------|-------------------------|
| Saline Mist Resistance (hours) | 6 / 96 (UNI 9227/93) | Resistenza salina (ore) |

## BLACK CATAPORESIS CATAFORESI NERA

The coating of the metallic surfaces by means of the cataphoresis process lends high protection characteristics against atmospheric agents to the products.

The a.m. process, performed by immersion with electric power application enables, by means of electrodeposition, an anticorrosive protection also of the parts, which aren't reachable by a traditional spray system (tinted, deep foldings, junctions, ...) and it is used in industrial vehicles, tractors, air-conditioning, heating units, ... The cataphoresis process and the following finishing cycles, enamels or powders make the products highly resistant against corrosion.

### CATAPORESIS

A priming system technically advanced, particularly suitable for the pieces requiring high protection against atmospheric agents, with diluted alkalis and acids.

### PROCESS

Degreasins, activation, zinc salts phosphating, cathodic electrodeposition with epoxy products modified in immersion and following netting in furnace.

La verniciatura delle superfici metalliche con il processo di cataforesi conferisce ai manufatti elevate caratteristiche di protezione dagli agenti atmosferici.

Essendo un trattamento ad immersione, abbinato all'applicazione di energia elettrica per elettrodepositazione, si ottiene la protezione anticorrosiva anche di quelle parti che non sono raggiungibili con sistema tradizionale a spruzzo (scatolati, piegature profonde, accoppiamenti, ...) e viene impiegato nei diversi settori automobilistico, veicoli industriali, trattori, condizionamento, riscaldamento, ...

Il trattamento di cataforesi e i successivi cicli di finitura, smalto o polvere conferiscono ai manufatti un'elevatissima resistenza alla corrosione.

### CATAFORESI

Sistema di verniciatura di fondo tecnicamente all'avanguardia particolarmente indicato ove viene richiesta una elevata protezione agli agenti atmosferici, agli alcali ed acidi.

### PROCESSO

Sgrassaggio, attivazione, fosfatazione ai sali di zinco, elettrodepositazione catodica con prodotti epoxidici modificati in immersione e successiva reticolazione a forno.

## CHEMICAL PHYSICAL CHARACTERISTICS | CARATTERISTICHE CHIMICO FISICHE

| Thickness microns                    | 12 - 30                          | Spessore microns                            |
|--------------------------------------|----------------------------------|---|
| Saline Mist Resistance (hours)       | 500 / 700 (ASTM-B117)            | Resistenza salina (ore)                     |
| Resistance to impacts                | 70 Kg                            | Resistenza agli urti                        |
| UV resistance                        | Good - Buona                     | Resistenza agli UV                          |
| Hardness (pencil)                    | 5H                               | Durezza (matita)                            |
| Adhesion to the squaring             | 98 / 100% (UNICHIM)              | Adesione alla quadrettatura                 |
| Folding by means of chuck            | no fissuration - no fessurazioni | Piegatura con mandrino                      |
| Alkali resistance (not saponifiable) | Good - Buona                     | Resistenza agli alcali (non saponificabile) |
| Hydrocarbons resistance              | Very good - Ottima               | Resistenza agli idrocarburi                 |

## CHEMICAL NICKEL-PLATING NICHELATURA CHIMICA

The process of chemical nickel-plating allows to coat, with a layer (thickness 10µm ÷ 50µm) consisting essentially of nickel (90%) and phosphorus (10%), the surfaces of a mechanical component, in order to improve the surface characteristics in terms of hardness, resistance to wear and corrosion.

Il processo di nichelatura chimica permette di rivestire, con uno strato (spessore 10µm÷50µm) composto essenzialmente da nichel (90%) e fosforo (10%), le superfici dei componenti meccanici, al fine di migliorarne le caratteristiche superficiali in termini di durezza, resistenza a usura e a corrosione.

## CUSTOMIZATIONS

### PERSONALIZZAZIONI E LAVORAZIONI SPECIALI

As producers, we can meet your supply requirements of non-standard items or special workings. Our staff will take care of your requests by offering the best technical support targeted to your needs.

In quanto produttori, possiamo risolvere le vostre necessità di approvvigionamento di pezzi non standard o con lavorazioni speciali. Il nostro staff si occuperà direttamente delle vostre richieste offrendovi un supporto tecnico mirato alle vostre esigenze.

## HIPLATE LM 40® Chemical Nickel-Plating Characteristics

### Protection against corrosion on aluminum, steel, iron and copper

- Increasing of hardness
- Very high corrosion resistance
- Excellent anti wear properties
- Astm B733 rev 4 compliant
- Nonmagnetic deposit
- NSF 51 food contact compliant
- Heat resistance (800°)
- More than 1000 h in NSS
- Homogeneous thickness over all surfaces

**HIPLATE LM 40** is an electroless nickel plating process with a content of phosphorous between 10,5% an 13%. In order to maintain the main characteristics of a chemical nickel deposit like anti-corrosion and precision in surface distribution, Hiplate Lm 40 exhibits superior performance in applications where wear stress is challenging.

### Properties and Technical Characteristics

#### Uniformity:

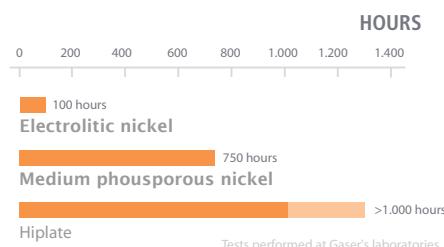
**HIPLATE LM 40**, being an autocatalytic nickel matrix processes, has a good distribution on all geometries with a compact and bonded deposit.

| ANALYSIS METALLOGRAPHIC, MEASURING THICKNESS |                 | OF SURFACE COATINGS |      |      |      |      |                  |
|--|-----------------|---------------------|------|------|------|------|------------------|
| SAMPLE                                       | Positions       | Measures (µm)       |      |      |      | Mean | U <sub>3-2</sub> |
| 1  | Surface coating | 52,6                | 53,0 | 53,4 | 52,8 | 53,1 | 1,3              |

#### Corrosion resistance:

**HIPLATE LM 40** exhibits good corrosion properties typical of an high phosphorus chemical nickel. Thanks to the compactness of the deposit and an amorphous structure, the number of through-porosities decreases drastically already at low thicknesses.

#### Sal fog tests ASTM B117



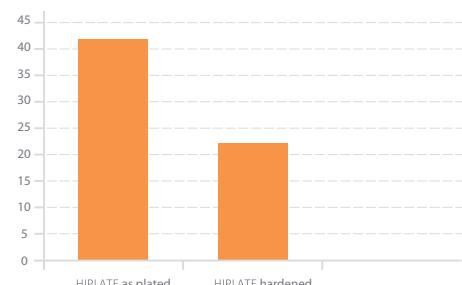
Tests performed at Gaser's laboratories

Tests performed on prepared samples

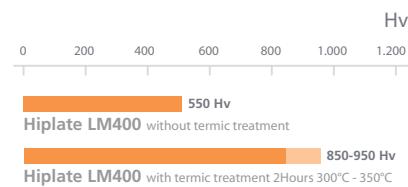
#### Abrasion resistance:

One of the main features of the **HIPLATE LM 40** is the anti-wear properties: extreme hardness and lubrication reduce the friction coefficient and limit abrasion.

#### ASTM 4060



#### Micro Hardness Test ASTM B578



• Tests performed at Gaser's laboratories

• Tests performed on prepared samples

#### HYGROSCOPIC CONDITIONING (42 °C UR %)

| Control           | Sample 2 HIPLATE  | Sample 2 HIPLATE  |
|-------------------|---|---|
| 600 h<br>Test end | No formation of red corrosion product on the functional surface | No formation of red corrosion product on the functional surface |

#### CORROSION TEST IN SALT SPRAY CHAMBER (ASS)

| Control          | Sample 1 HIPLATE   | Sample 2 HIPLATE   |
|------------------|--|--|
| 24 h<br>test end | No appearance of red corrosion product on the functional surface | No appearance of red corrosion product on the functional surface |

#### Values to consider:

- Density: 7,86 grams/cm<sup>2</sup> at 20 C°
- Termic expansion: 13x10<sup>-6</sup> cm/C°
- Elasticity: 20.000 Kg/mm<sup>2</sup>
- Resistivity: 60 µΩ/cm
- thermal conductivity: 0,0135 cal/cm/sec/C°
- Nonmagnetic
- Adhesion: 34-46 Kg/mm<sup>2</sup>

#### Applications

Oil&Gas, packaging, precision mechanics

# USEFUL INFORMATION

## INFORMAZIONI UTILI

### SCREWS AND SINGLE PACKAGING

On request we can supply only the screws or we can assemble the pieces in a single packed in a plastic bags with label and customer's code and the necessary screws, pin and seeger rings.

### DIMENSION OF THE SCREWS

The ISO 15552 norm request to use the following screws types:

|                    |                   |                  |
|--------------------|-------------------|------------------|
| D. 32 = M 6x20*    | D. 40 = M 6x20*   | D. 50 = M 8x20   |
| D. 63 = M 8x20     | D. 80 = M 10x25** | D.100 = M10x25** |
| D.125 = M 12x25    | D.160 = M 16x30   | D.200 = M16x30   |
| D.250 = M 20x35*** | D.320 = M 24x40   |                  |

For a lot of application you can choose:

- \* M 6x18
- \*\* M 10x20
- \*\*\* M 20x30

Note: for the flange VDMA the norm of the screws is DIN 6912 with low head, for the rest of the parts is DIN 912.

### VITI E CONFEZIONAMENTO SINGOLO

Su richiesta possiamo fornire le viti sfuse o possiamo eseguire il confezionamento singolo in sacchetti con l'etichetta con il codice del cliente e, dove necessario, il materiale a corredo (viti, perni, seeger, ...)

### DIMENSIONE DELLE VITI

La NORMA ISO 15552 prevede le seguenti misure di viti da adottare:

Per alcune particolari applicazioni si può utilizzare la misura:

- \* M 6x18
- \*\* M 10x20
- \*\*\* M 20x30

Nota: per la fiangia VDMA la norma delle viti è DIN 6912 (testa ribassata) per i restanti particolari la vite è a norma DIN 912.



## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO-VDMA STEEL | ACCIAIO



ISO-VDMA ALUMINIUM | ALLUMINIO



ISO-VDMA STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE

## ISO 15552 NORM

NORMA ISO 15552

### A1 ALUMINIUM | ALLUMINIO

|  |    |  |  |
|--|----|--|--|
| <b>COD. 0003</b>   |    |  |  |
| <b>FEMALE HINGE MP2</b>  |    |  |  |
| CERNIERA FEMMINA MP2 . . . . .   | 16 |  |  |
| <b>COD. 0050</b>   |    |  |  |
| <b>FEMALE HINGE MP2 WITH BUSHES</b>                                      |    |  |  |
| CERNIERA FEMMINA MP2 CON BUSSOLE . . . . .                               | 17 |  |  |
| <b>COD. 0004</b>   |    |  |  |
| <b>MALE HINGE MP4</b>  |    |  |  |
| CERNIERA MASCHIO MP4 . . . . .   | 18 |  |  |
| <b>COD. 0030</b>   |    |  |  |
| <b>MALE HINGE MP4 WITH BUSHES</b>  |    |  |  |
| CERNIERA MASCHIO MP4 CON BUSSOLE . . . . .                               | 19 |  |  |
| <b>COD. 0057</b>   |    |  |  |
| <b>SQUARE JOINT CETOPO RP107P</b>  |    |  |  |
| ARTICOLAZIONE A SQUADRA CETOP RP107P . . . . .                           | 20 |  |  |
| <b>COD. 0057 BIS</b>   |    |  |  |
| <b>SQUARE JOINT CETOP FOR FORK DIN 71752</b>                             |    |  |  |
| ARTICOLAZIONE A SQUADRA CETOP RP107P<br>PER FORCELLA DIN 71752 . . . . . | 21 |  |  |

|   |    |  |  |
|---|----|--|--|
| <b>COD. 0056</b>  |    |  |  |
| <b>NARROW FEMALE HINGE</b>  |    |  |  |
| CERNIERA FEMMINA STRETTA . . . . .                                | 22 |  |  |
| <b>COD. 0053</b>  |    |  |  |
| <b>NARROW MALE HINGE WITH ARTICULATED<br/>HEAD DIN648K</b>        |    |  |  |
| CERNIERA MASCHIO STRETTA CON TESTINA<br>SNODATA DIN648K . . . . . | 23 |  |  |
| <b>COD. 0035</b>  |    |  |  |
| <b>HIGH RISE PEDESTAL</b>   |    |  |  |
| PIEDINO ALTO . . . . .  | 24 |  |  |
| <b>COD. 0003ANT</b>   |    |  |  |
| <b>FRONT FEMALE HINGE MP2</b>                                     |    |  |  |
| CERNIERA FEMMINA ANTERIORE MP2 . . . . .                          | 25 |  |  |

### A2 STEEL | ACCIAIO

|   |    |  |  |
|---|----|--|--|
| <b>COD. 0017</b>  |    |  |  |
| <b>FEMALE HINGE MP2</b>   |    |  |  |
| CENIERA FEMMINA MP2 . . . . .   | 28 |  |  |
| <b>COD. 0019</b>  |    |  |  |
| <b>MALE HINGE MP4</b>   |    |  |  |
| CERNIERA MASCHIO MP4 . . . . .  | 29 |  |  |
| <b>COD. 0005</b>  |    |  |  |
| <b>SQUARE JOINT CETOP RP107P</b>  |    |  |  |
| ARTICOLAZIONE A SQUADRA CETOP RP107P . . . . .                          | 30 |  |  |
| <b>COD. 0005BIS</b>   |    |  |  |
| <b>SQUARE JOINT CETOP RP107P FOR FORK DIN71752</b>                      |    |  |  |
| ARTICOLAZIONE A SQUADRA CETOP RP107P<br>PER FORCELLA DIN71752 . . . . . | 31 |  |  |
| <b>COD. 0007</b>  |    |  |  |
| <b>PIN FOR FEMALE HINGE MP2</b>   |    |  |  |
| PERNO PER CERNIERA MP2 . . . . .  | 32 |  |  |
| <b>COD. 0013</b>  |    |  |  |
| <b>NARROW FEMALE HINGE</b>  |    |  |  |
| CERNIERA FEMMINA STRETTA . . . . .                                      | 33 |  |  |
| <b>COD. 0018</b>  |    |  |  |
| <b>NARROW MALE HINGE WITH ARTICULATED<br/>HEAD DIN648K</b>              |    |  |  |
| CERNIERA MASCHIO STRETTA CON TESTINA<br>SNODATA DIN648K . . . . .       | 34 |  |  |

|   |    |  |  |
|---|----|--|--|
| <b>COD. 0011</b>  |    |  |  |
| <b>SQUARE JOINT WITH ARTICULATED<br/>HEAD DIN648K</b>           |    |  |  |
| ARTICOLAZIONE A SQUADRA<br>CON TESTINA SNODATA DIN648K. . . . . | 35 |  |  |

|  |    |  |  |
|--|----|--|--|
| <b>COD. 0012</b>   |    |  |  |
| <b>PIN ANTI-ROTATION<br/>FOR NARROW FEMALE HINGE</b>           |    |  |  |
| PERNO ANTI-ROTAZIONE<br>PER CERNIERA FEMMINA STRETTA . . . . . | 36 |  |  |

|                                |    |  |  |
|--------------------------------|----|--|--|
| <b>COD. 0008</b>               |    |  |  |
| <b>FLANGE ISO MF1/MF2</b>      |    |  |  |
| FLANGIA ISO MF1/MF2 . . . . .  | 37 |  |  |
| <b>COD. 0008BIS</b>            |    |  |  |
| <b>FLANGE VDMA MF1/MF2</b>     |    |  |  |
| FLANGIA VDMA MF1/MF2 . . . . . | 38 |  |  |

|  |    |  |  |
|--|----|--|--|
| <b>COD. 0006</b>                           |    |  |  |
| <b>LOW-RISE PEDESTAL MS1</b>               |    |  |  |
| PIEDINO BASSO MS1 . . . . .                | 39 |  |  |
| <b>COD. 0058</b>                           |    |  |  |
| <b>SUPPORT FOR INTERMEDIATE HINGE</b>      |    |  |  |
| SUPPORTO PER CERNIERA INTERMEDIA . . . . . | 40 |  |  |

|   |    |  |  |
|---|----|--|--|
| <b>COD. 0009</b>  |    |  |  |
| <b>INTERMEDIATE HINGE MT4</b>                           |    |  |  |
| CERNIERA INTERMEDIA ROTONDA<br>FILETTATA MT4 . . . . .  | 41 |  |  |
| <b>COD. 0009REG</b>                                     |    |  |  |
| <b>INTERMEDIATE HINGE ADJUSTABLE MT4</b>                |    |  |  |
| CERNIERA INTERMEDIA ROTONDA<br>REGOLABILE MT4 . . . . . | 42 |  |  |

|  |    |  |  |
|--|----|--|--|
| <b>COD. 0001</b>                       |    |  |  |
| <b>INTERMEDIATE SHAPED HINGE</b>       |    |  |  |
| CERNIERA INTERMEDIA SAGOMATA . . . . . | 43 |  |  |
| <b>COD. 0027</b>                       |    |  |  |
| <b>LARGE LOW-RISE PEDESTAL</b>         |    |  |  |
| PIEDINO BASSO LARGO . . . . .          | 44 |  |  |

|   |    |  |  |
|---|----|--|--|
| <b>COD. 0002</b>                                |    |  |  |
| <b>FRONT FEMAL HINGE MP7</b>                    |    |  |  |
| CERNIERA FEMMINA ANTERIORE MP7 . . . . .        | 45 |  |  |
| <b>COD. 0076</b>                                |    |  |  |
| <b>INTERMEDIATE SPOT FACED HINGE (D.32-100)</b> |    |  |  |
| CERNIERA INTERMEDIA LAMATA . . . . .            | 46 |  |  |

|  |    |  |  |
|--|----|--|--|
| <b>COD. 0076</b>                                 |    |  |  |
| <b>INTERMEDIATE SPOT FACED HINGE (D.125-200)</b> |    |  |  |
| CERNIERA INTERMEDIA LAMATA . . . . .             | 47 |  |  |

### A3 STAINLESS STEEL | INOX

|                                |    |  |  |
|--------------------------------|----|--|--|
| <b>COD. IN17</b>               |    |  |  |
| <b>FEMALE HINGE MP2</b>        |    |  |  |
| CENIERA FEMMINA MP2 . . . . .  | 50 |  |  |
| <b>COD. IN19</b>               |    |  |  |
| <b>MALE HINGE MP4</b>          |    |  |  |
| CERNIERA MASCHIO MP4 . . . . . | 54 |  |  |

|   |    |  |  |
|---|----|--|--|
| <b>COD. IN05</b>                              |    |  |  |
| <b>SQUARE JOINT CETOP RP107P</b>              |    |  |  |
| ARTICOLAZIONE A SQUADRA CETOP RP107P. . . . . | 52 |  |  |
| <b>IN07</b>                                   |    |  |  |
| <b>PIN FOR FEMALE HINGE MP2</b>               |    |  |  |
| PERNO PER CERNIERA FEMMINA MP2 . . . . .      | 53 |  |  |

|                                |    |  |  |
|--------------------------------|----|--|--|
| <b>COD. IN08BIS</b>            |    |  |  |
| <b>FLANGE VDMA MF1/MF2</b>     |    |  |  |
| FLANGIA VDMA MF1/MF2 . . . . . | 54 |  |  |

|   |    |  |
|---|----|--|
| <b>COD. IN06</b>  |    | <b>ISO-VDMA NORM FOR COMPACT CYLINDERS</b>                     |
| <b>LOW-RISE PEDESTAL MS1</b>  | 55 | NORMA ISO 15552 PER CILINDRI A CORSA BREVE COMPATI             |
| PIEDINO BASSO MS1 . . . . .   |    |  |
| <b>COD. IN09</b>  |    | <b>C1 ALUMINIUM   ALLUMINIO</b>                                |
| <b>INTERMEDIATE HINGE MT4</b>   | 56 |  |
| CERNIERA INTERMEDIA ROTONDA . . . . .   |    |  |
| FILETTATA MT4. . . . .  |    |  |
| <b>COD. IN09REG</b>   |    | <b>COD. 0061</b>   |
| <b>INTERMEDIATE HINGE ADJUSTABLE MT4</b>  | 57 | <b>MALE HINGE WITHOUT BUSHES</b>                               |
| CERNIERA INTERMEDIA ROTONDA . . . . .   |    | CERNIERA MASCHIO SENZA BUSSOLE . . . . . 78                    |
| REGOLABILE MT4 . . . . .  |    |  |
| <b>COD. IN12</b>  |    | <b>COD. 0077</b>   |
| <b>PIN ANTI-ROTATION FOR NARROW FEMALE HINGE</b>                                | 58 | <b>MALE HINGE WITH BUSHES</b>                                  |
| PERNO ANTIROTAZIONE . . . . .   |    | CERNIERA MASCHIO CON BUSSOLE . . . . . 78                      |
| PER CERNIERA FEMMINA STRETTA . . . . .  |    |  |
| <b>COD. IN13</b>  |    | <b>COD. 0061</b>   |
| <b>NARROW FEMALE HINGE FOR SQUARE JOINT WITH ARTICULATED HEAD DIN648K</b>       | 59 | <b>FEMALE HINGE WITHOUT BUSHES</b>                             |
| CERNIERA FEMMINA STRETTA PER ARTICOLAZIONE CON TESTINA SNODATA DIN648K. . . . . |    | CERNIERA FEMMINA SENZA BUSSOLE . . . . . 79                    |
| <b>COD. IN18</b>  |    | <b>COD. 0077</b>   |
| <b>NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K</b>                          | 60 | <b>FEMALE HINGE WITH BUSHES</b>                                |
| CERNIERA MASCHIO STRETTA . . . . .  |    | CERNIERA FEMMINA CON BUSSOLE . . . . . 79                      |
| CON TESTINA SNODATA DIN648K. . . . .  |    |  |
| <b>COD. IN11</b>  |    | <b>COD. 0070</b>   |
| <b>SQUARE JOINT WITH ARTICULATED HEAD DIN648K</b>                               | 61 | <b>FLANGE</b>  |
| ARTICOLAZIONE A SQUADRA . . . . .   |    | FLANGIA . . . . . 80   |
| CON TESTINA SNODATA DIN648K. . . . .  |    |  |
| <b>ISO 6432 NORM FOR MICROCYLINDERS</b>   |    | <b>COD. 0070</b>   |
| <b>NORMA ISO 6432 PER MICROCILINDRI</b>   |    | <b>FLANGE</b>  |
| <b>B1 STEEL   ACCIAIO</b>   |    | FLANGIA . . . . . 81   |
| <b>COD. 0016</b>  |    |  |
| <b>FEMALE HINGE WITH PIN</b>  |    | <b>C2 STEEL   ACCIAIO</b>                                      |
| CENIERA FEMMINA CON PERNO . . . . .   | 64 |  |
| <b>COD. 0016S</b>   |    | <b>COD. 0072</b>   |
| <b>FRONT FEMALE HINGE</b>   |    | <b>MALE HINGE WITHOUT BUSHES</b>                               |
| CERNIERA FEMMINA CON ASOLA . . . . .  |    | CERNIERA MASCHIO SENZA BUSSOLE . . . . . 84                    |
| <b>COD. 0015</b>  |    | <b>COD. 0073</b>   |
| <b>PEDESTAL</b>   |    | <b>MALE HINGE WITH BUSHES</b>                                  |
| PIEDINO . . . . .   | 66 | CERNIERA MASCHIO CON BUSSOLE . . . . . 84                      |
| <b>COD. 0014</b>  |    | <b>COD. 0072</b>   |
| <b>FLANGE</b>   |    | <b>FEMALE HINGE WITHOUT BUSHES</b>                             |
| FLANGIA . . . . .   | 67 | CERNIERA FEMMINA SENZA BUSSOLE . . . . . 85                    |
| <b>COD. 0097</b>  |    | <b>COD. 0073</b>   |
| <b>INTERMEDIATE HINGE</b>   |    | <b>FEMALE HINGE WITH BUSHES</b>                                |
| CERNIERA INTERMEDIA ROTONDA . . . . .   | 68 | CERNIERA FEMMINA CON BUSSOLE . . . . . 85                      |
| <b>B2 STAINLESS STEEL   INOX</b>  |    | <b>COD. 0060</b>   |
| <b>COD. IN16</b>  |    | <b>FLANGE</b>  |
| <b>FEMALE HINGE WITH PIN</b>  |    | FLANGIA . . . . . 86   |
| CENIERA FEMMINA CON PERNO. . . . .  | 72 | <b>COD. 0060</b>   |
| <b>COD. IN16S</b>   |    | <b>FLANGE</b>  |
| <b>FRONT FEMALE HINGE</b>   |    | FLANGIA . . . . . 87   |
| CERNIERA FEMMINA CON ASOLA . . . . .  | 73 | <b>COD. 0059</b>   |
| <b>COD. IN14</b>  |    | <b>LOW-RISE PEDESTAL</b>                                       |
| <b>FLANGE</b>   |    | PIEDINO BASSO. . . . . 88                                      |
| FLANGIA . . . . .   | 74 | <b>COD. 0059</b>   |
| <b>COD. IN15</b>  |    | <b>LOW-RISE PEDESTAL</b>                                       |
| <b>PEDESTAL</b>   |    | PIEDINO BASSO. . . . . 89                                      |
| PIEDINO . . . . .   | 75 | <b>COD. 0075</b>   |
|   |    | <b>INTERMEDIATE SPOT FACED HINGE</b>                           |
|   |    | CERNIERA INTERMEDIA LAMATA . . . . . 88                        |
|   |    | <b>COD. 0032</b>   |
|   |    | <b>INTERMEDIATE HINGE FOR CLEAN PROFILE TYPE EURAL</b>         |
|   |    | CERNIERA INTERMEDIA PER PROFILO PULITO TIPO EURAL . . . . . 89 |

|   |     |
|---|-----|
| <b>NFPA INTERCHANGEABLE NORMS</b>                       |     |
| <b>NORMA NFPA</b>                                       |     |
| <b>D1 ALUMINIUM   ALLUMINIO</b>                         |     |
| <b>FEMALE HINGE MP2   CERNIERA FEMMINA MP2</b>          |     |
| COD. NF03<br><b>NOT THREADED AND WITHOUT BUSHES</b>     | 94  |
| NON FILETTATO E SENZA BUSSOLE                           |     |
| COD. NF03T<br><b>WITH THREADED HOLES WITHOUT BUSHES</b> | 94  |
| CON FORI FILETTATI SENZA BUSSOLE                        |     |
| COD. NF50<br><b>WITH BUSHES</b>                         | 94  |
| CON BUSSOLE   |     |
| COD. NF50T<br><b>WITH BUSHES AND THREADED HOLES</b>     | 94  |
| CON BUSSOLE E FORI FILETTATI                            |     |
| <b>MALE HINGE MP4   CERNIERA MASCHIO MP4</b>            |     |
| COD. NF04<br><b>NOT THREADED AND WITHOUT BUSHES</b>     | 95  |
| NON FILETTATO E SENZA BUSSOLE                           |     |
| COD. NF04T<br><b>WITH THREADED HOLES WITHOUT BUSHES</b> | 95  |
| CON FORI FILETTATI SENZA BUSSOLE                        |     |
| COD. NF30<br><b>WITH BUSHES</b>                         | 93  |
| CON BUSSOLE   |     |
| COD. NF30T<br><b>WITH BUSHES AND THREADED HOLES</b>     | 93  |
| CON BUSSOLE E FORI FILETTATI                            |     |
| COD. NF07<br><b>PIVOT FOR FEMALE HINGE MP2</b>          | 96  |
| PERNO PER CERNIERA FEMMINA MP2                          |     |
| <b>CNOMO NORM</b>                                       |     |
| <b>NORMA CNOMO</b>                                      |     |
| <b>E1 ALUMINIUM   ALLUMINIO</b>                         |     |
| COD. 0039<br><b>FEMALE HINGE</b>                        | 100 |
| CERNIERA FEMMINA  |     |
| COD. 0034<br><b>REAR CLEVIS BRACKET</b>                 | 101 |
| ARTICOLAZIONE NORMALE                                   |     |
| COD. 0026<br><b>SQUARE JOINT</b>                        | 102 |
| ARTICOLAZIONE A SQUADRA                                 |     |
| COD. 0043<br><b>HIGH PEDESTAL</b>                       | 103 |
| PIEDISTALLO ALTO  |     |
| COD. 0044<br><b>HIGH LARGE PEDESTAL</b>                 | 104 |
| PIEDISTALLO ALTO LARGO                                  |     |
| <b>E2 STEEL   ACCIAIO</b>                               |     |
| COD. 0022<br><b>THREADED FLANGE</b>                     | 108 |
| FLANGIA FILETTATA                                       |     |
| COD. 0028<br><b>SPOT FACED FLANGE</b>                   | 109 |
| FLANGIA LAMATA  |     |
| <b>COD. 0052</b>  |     |
| <b>LOW-RISE PEDESTAL</b>                                |     |
| PIEDINO BASSO   | 110 |
| <b>COD. 0080</b>  |     |
| <b>SMOOT HOLES FLANGE</b>                               |     |
| FLANGIA LISCIA  | 112 |
| <b>COD. 0045</b>  |     |
| <b>PIN FOR FEMALE HINGE</b>                             |     |
| PERNO PER CERNIERA FEMMINA                              | 113 |
| <b>COD. 0010</b>  |     |
| <b>INTERMEDIATE HINGE</b>                               |     |
| CERNIERA INTERMEDIA                                     |     |
| ROTONDA FILETTATA                                       | 114 |
| <b>COD. 0010REG</b>                                     |     |
| <b>INTERMEDIATE HINGE ADJUSTABLE</b>                    |     |
| CERNIERA INTERMEDIA                                     |     |
| ROTONDA REGOLABILE                                      | 115 |
| <b>CETOP NORM</b>                                       |     |
| <b>NORMA CETOP</b>                                      |     |
| <b>F1 ALUMINIUM   ALLUMINIO</b>                         |     |
| COD. 0040<br><b>FEMALE HINGE</b>                        | 118 |
| CERNIERA FEMMINA  |     |
| COD. 0041<br><b>MALE HINGE</b>                          | 119 |
| CERNIERA MASCHIO  |     |
| COD. 0042<br><b>HIGH PEDESTAL</b>                       | 120 |
| PIEDISTALLO ALTO  |     |
| <b>F2 STEEL   ACCIAIO</b>                               |     |
| COD. 0023<br><b>THREADED FLANGE</b>                     | 124 |
| FLANGIA FILETTATA                                       |     |
| COD. 0029<br><b>SPOT FACED FLANGE</b>                   | 125 |
| FLANGIA LAMATA  |     |
| COD. 0052<br><b>LOW-RISE PEDESTAL</b>                   | 126 |
| PIEDINO BASSO   |     |
| COD. 0007<br><b>PIN FOR FEMALE HINGE MP2</b>            | 127 |
| PERNO PER CERNIERA FEMMINA MP2                          |     |
| <b>ISO 6431 NORM</b>                                    |     |
| <b>NORMA ISO 6431</b>                                   |     |
| <b>G1 ALUMINIUM   ALLUMINIO</b>                         |     |
| COD. 0037<br><b>FEMALE HINGE</b>                        | 130 |
| CERNIERA FEMMINA  |     |
| COD. 0037ANT<br><b>FRONT FEMALE HINGE</b>               | 131 |
| CERNIERA FEMMINA ANTERIORE                              |     |
| COD. 0038<br><b>MALE HINGE</b>                          | 132 |
| CERNIERA MASCHIO  |     |
| COD. 0024<br><b>SQUARE JOINT</b>                        | 133 |
| ARTICOLAZIONE A SQUADRA                                 |     |

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO

ISO 15552  
ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE

A1



**COD. 0003 | PAG. 16**  
**FEMALE HINGE MP2**  
CERNIERA FEMMINA MP2



**COD. 0050 | PAG. 17**  
**FEMALE HINGE MP2 WITH BUSHES**  
CERNIERA FEMMINA MP2 CON BUSSOLE



**COD. 0004 | PAG. 18**  
**MALE HINGE MP4**  
CERNIERA MASCHIO MP4



**COD. 0030 | PAG. 19**  
**MALE HINGE MP4 WITH BUSHES**  
CERNIERA MASCHIO MP4 CON BUSSOLE



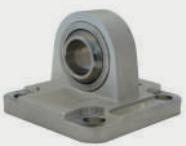
**COD. 0057 | PAG. 20**  
**SQUARE JOINT CETOP RP107P**  
ARTICOLAZIONE A SQUADRA CETOP RP107P



**COD. 0057BIS | PAG. 21**  
**SQUARE JOINT CETOP RP107P FOR FORK DIN 71752**  
ARTICOLAZIONE A SQUADRA CETOP RP107P PER FORCELLA DIN 71752



**COD. 0056 | PAG. 22**  
**NARROW FEMALE HINGE**  
CERNIERA FEMMINA STRETTA



**COD. 0053 | PAG. 23**  
**NARROW MALE HINGE**  
**WITH ARTICULATED HEAD DIN648K**  
CERNIERA MASCHIO STRETTA CON TESTINA SNODATA DIN648K



**COD. 0035 | PAG. 24**  
**HIGH RISE PEDESTAL**  
PIEDINO ALTO



**COD. 0003ANT | PAG. 25**  
**FRONT FEMALE HINGE MP2**  
CERNIERA FEMMINA ANTERIORE MP2

TREATMENT | TRATTAMENTO

black cataphoresis | cataforesi nera

zinc coating | zincatura

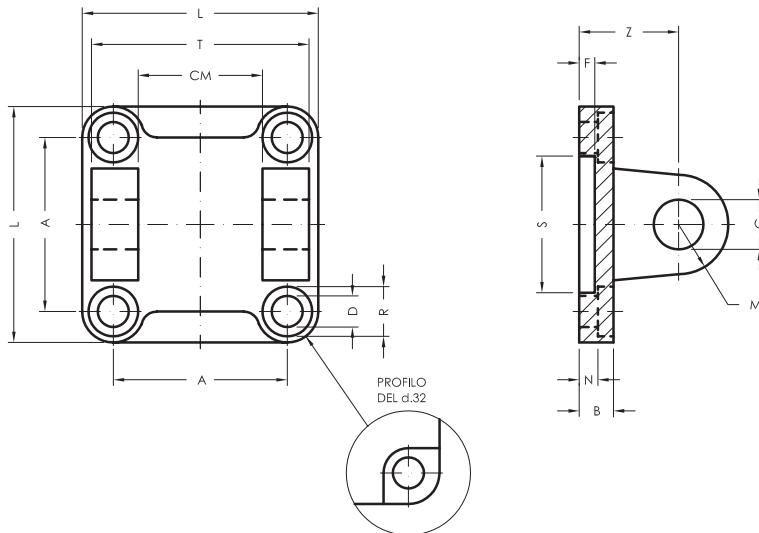
nickel-plating | nichelatura

# FEMALE HINGE MP2

## CERNIERA FEMMINA MP2

CODE ORDERING | Codice ordinazione

**0003** / diam.



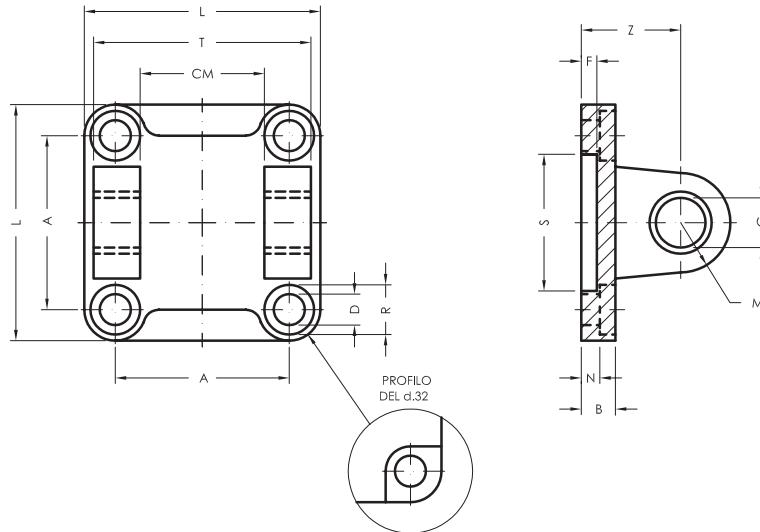
| Weight<br>peso (g) | D.cil.<br>diam. | A<br>$\pm 0.2$ | L   | D<br>H 13 | R<br>H 13 | N<br>$\pm 0.5$ | B  | S<br>H 11 | F | Z<br>$\pm 0.2$ | G<br>H 9 | M<br>max | CM<br>H 14 | T<br>h 14 |
|--------------------|-----------------|----------------|-----|-----------|-----------|----------------|----|-----------|---|----------------|----------|----------|------------|-----------|
| 48                 | 32              | 32.5           | 45  | 6.6       | 11        | 5.5            | 9  | 30        | 5 | 22             | 10       | 10       | 26         | 45        |
| 75                 | 40              | 38             | 52  | 6.6       | 11        | 5.5            | 9  | 35        | 5 | 25             | 12       | 12       | 28         | 52        |
| 124                | 50              | 46.5           | 65  | 9         | 15        | 6.5            | 11 | 40        | 5 | 27             | 12       | 12       | 32         | 60        |
| 192                | 63              | 56.5           | 75  | 9         | 15        | 6.5            | 11 | 45        | 5 | 32             | 16       | 16       | 40         | 70        |
| 380                | 80              | 72             | 95  | 11        | 18        | 10             | 14 | 45        | 5 | 36             | 16       | 16       | 50         | 90        |
| 620                | 100             | 89             | 115 | 11        | 18        | 10             | 14 | 55        | 5 | 41             | 20       | 20       | 60         | 110       |
| 1180               | 125             | 110            | 140 | 14        | 20        | 10             | 20 | 60        | 7 | 50             | 25       | 25       | 70         | 130       |
| 1780               | 160             | 140            | 180 | 18        | 26        | 10             | 20 | 65        | 7 | 55             | 30       | 25       | 90         | 170       |
| 2900               | 200             | 175            | 220 | 18        | 26        | 11             | 25 | 75        | 7 | 60             | 30       | 25       | 90         | 170       |
| 5800               | 250             | 220            | 270 | 22        | 33        | 11             | 25 | 90        | - | 70             | 40       | 40       | 110        | 200       |
| 10550              | 320             | 270            | 350 | 26        | 39        | 15             | 30 | 110       | - | 80             | 45       | 45       | 120        | 220       |



# FEMALE HINGE MP2 WITH BUSHES

## CERNIERA FEMMINA MP2 CON BUSSOLE

CODE ORDERING | Codice ordinazione

**0050 / diam.**

| Weight<br>peso (g) | D.cil. | A<br>±0.2 | L   | D<br>H 13 | R<br>H 13 | N<br>±0.5 | B  | S<br>H 11 | F | Z<br>±0.2 | G<br>H 9 | Q<br>H 7 | M<br>max | CM<br>H 14 | T<br>h 14 |
|--------------------|--------|-----------|-----|-----------|-----------|-----------|----|-----------|---|-----------|----------|----------|----------|------------|-----------|
| 48                 | 32     | 32.5      | 45  | 6.6       | 11        | 5.5       | 9  | 30        | 5 | 22        | 10       | 12       | 10       | 26         | 45        |
| 75                 | 40     | 38        | 52  | 6.6       | 11        | 5.5       | 9  | 35        | 5 | 25        | 12       | 14       | 12       | 28         | 52        |
| 124                | 50     | 46.5      | 65  | 9         | 15        | 6.5       | 11 | 40        | 5 | 27        | 12       | 14       | 12       | 32         | 60        |
| 192                | 63     | 56.5      | 75  | 9         | 15        | 6.5       | 11 | 45        | 5 | 32        | 16       | 18       | 16       | 40         | 70        |
| 380                | 80     | 72        | 95  | 11        | 18        | 10        | 14 | 45        | 5 | 36        | 16       | 18       | 16       | 50         | 90        |
| 620                | 100    | 89        | 115 | 11        | 18        | 10        | 14 | 55        | 5 | 41        | 20       | 23       | 20       | 60         | 110       |
| 1180               | 125    | 110       | 140 | 14        | 20        | 10        | 20 | 60        | 7 | 50        | 25       | 28       | 25       | 70         | 130       |
| 1780               | 160    | 140       | 180 | 18        | 26        | 10        | 20 | 65        | 7 | 55        | 30       | 34       | 25       | 90         | 170       |
| 2900               | 200    | 175       | 220 | 18        | 26        | 11        | 25 | 75        | 7 | 60        | 30       | 34       | 25       | 90         | 170       |
| 5800               | 250    | 220       | 270 | 22        | 33        | 11        | 25 | 90        | - | 70        | 40       | 44       | 40       | 110        | 200       |
| 11000              | 320    | 270       | 350 | 26        | 39        | 15        | 30 | 110       | - | 80        | 45       | 50       | 45       | 120        | 220       |

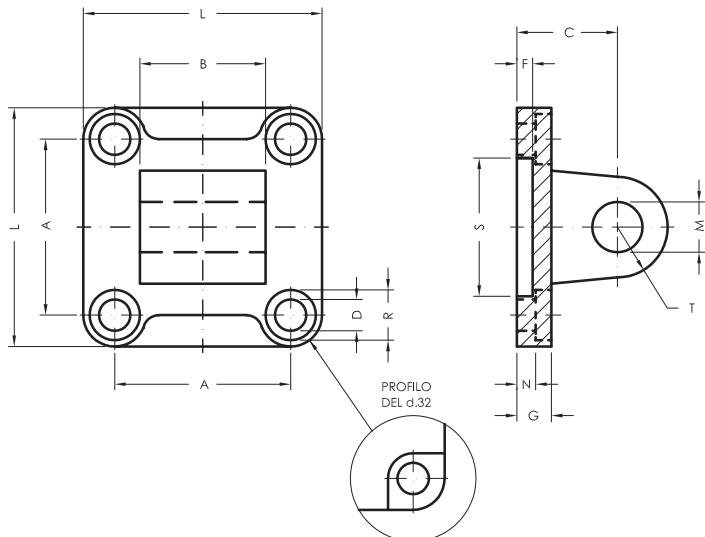
Note: the bushes are in sinterized steel  
with teflonNota: le bussole sono in acciaio sinterizzato  
teflonate all'interno

# MALE HINGE MP4

## CERNIERA MASCHIO MP4

**CODE ORDERING | Codice ordinazione**

**0004 / diam.**



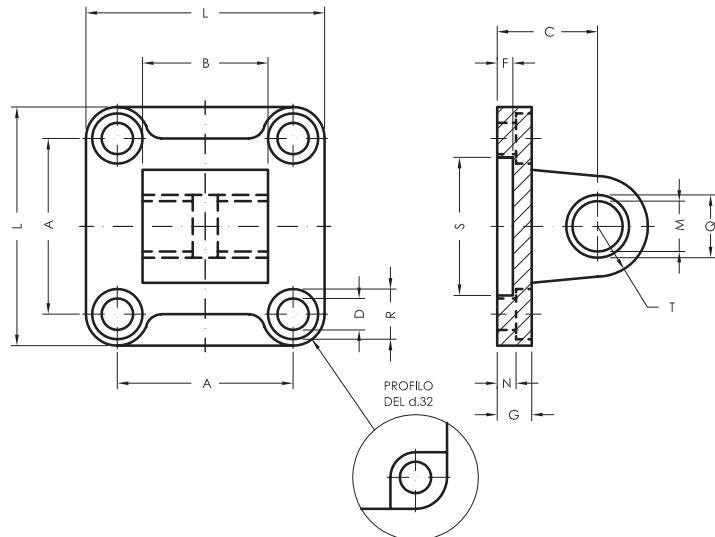
| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | R<br>H 13 | N<br>$\pm 0.5$ | G  | S<br>H 11 | F  | C<br>$\pm 0.2$ | M<br>H 9 | T<br>max | B   |
|--------------------|--------|----------------|-----|-----------|-----------|----------------|----|-----------|----|----------------|----------|----------|-----|
| 54                 | 32     | 32.5           | 45  | 6.6       | 11        | 5.5            | 9  | 30        | 5  | 22             | 10       | 10       | 26  |
| 76                 | 40     | 38             | 52  | 6.6       | 11        | 5.5            | 9  | 35        | 5  | 25             | 12       | 12       | 28  |
| 124                | 50     | 46.5           | 65  | 9         | 15        | 6.5            | 11 | 40        | 5  | 27             | 12       | 12       | 32  |
| 212                | 63     | 56.5           | 75  | 9         | 15        | 6.5            | 11 | 45        | 5  | 32             | 16       | 16       | 40  |
| 420                | 80     | 72             | 95  | 11        | 18        | 10             | 14 | 45        | 5  | 36             | 16       | 16       | 50  |
| 666                | 100    | 89             | 115 | 11        | 18        | 10             | 14 | 55        | 5  | 41             | 20       | 20       | 60  |
| 1264               | 125    | 110            | 140 | 14        | 20        | 10             | 20 | 60        | 7  | 50             | 25       | 25       | 70  |
| 1846               | 160    | 140            | 180 | 18        | 26        | 10             | 20 | 65        | 7  | 55             | 30       | 25       | 90  |
| 2950               | 200    | 175            | 220 | 18        | 26        | 11             | 25 | 75        | 7  | 60             | 30       | 25       | 90  |
| 6200               | 250    | 220            | 270 | 22        | 33        | 11             | 25 | 90        | 11 | 70             | 40       | 40       | 110 |
| 11300              | 320    | 270            | 350 | 26        | 39        | 15             | 30 | 110       | 11 | 80             | 45       | 45       | 120 |



# MALE HINGE MP4 WITH BUSHES

## CERNIERA MASCHIO MP4 CON BUSSOLE

CODE ORDERING | Codice ordinazione

**0030 / diam.**

| Weight<br>peso (g) | D.cil.<br>diam. | A<br>±0.2 | L   | D<br>H 13 | R<br>H 13 | N<br>±0.5 | G  | S<br>H 11 | F  | C<br>±0.2 | Q<br>F 7 | M<br>H 9 | T<br>max | B   |
|--------------------|-----------------|-----------|-----|-----------|-----------|-----------|----|-----------|----|-----------|----------|----------|----------|-----|
| 54                 | 32              | 32,5      | 45  | 6,6       | 11        | 5,5       | 9  | 30        | 5  | 22        | 12       | 10       | 10       | 26  |
| 76                 | 40              | 38        | 52  | 6,6       | 11        | 5,5       | 9  | 35        | 5  | 25        | 14       | 12       | 12       | 28  |
| 124                | 50              | 46,5      | 65  | 9         | 15        | 6,5       | 11 | 40        | 5  | 27        | 14       | 12       | 12       | 32  |
| 212                | 63              | 56,5      | 75  | 9         | 15        | 6,5       | 11 | 45        | 5  | 32        | 18       | 16       | 16       | 40  |
| 420                | 80              | 72        | 95  | 11        | 18        | 10        | 14 | 45        | 5  | 36        | 18       | 16       | 16       | 50  |
| 666                | 100             | 89        | 115 | 11        | 18        | 10        | 14 | 55        | 5  | 41        | 23       | 20       | 20       | 60  |
| 1264               | 125             | 110       | 140 | 14        | 20        | 10        | 20 | 60        | 7  | 50        | 28       | 25       | 25       | 70  |
| 1846               | 160             | 140       | 180 | 18        | 26        | 10        | 20 | 65        | 7  | 55        | 34       | 30       | 25       | 90  |
| 2950               | 200             | 175       | 220 | 18        | 26        | 11        | 25 | 75        | 7  | 60        | 34       | 30       | 25       | 90  |
| 6200               | 250             | 220       | 270 | 22        | 33        | 11        | 25 | 90        | 11 | 70        | 44       | 40       | 40       | 110 |
| 11300              | 320             | 270       | 350 | 26        | 39        | 15        | 30 | 110       | 11 | 80        | 50       | 45       | 45       | 120 |

Note:  
the bushes are in sinterized steel  
with teflon

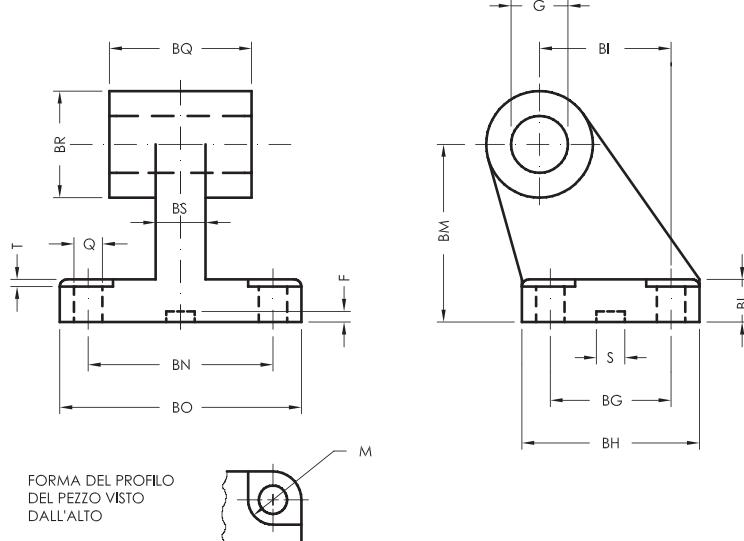
Nota:  
le bussole sono in acciaio sinterizzato  
teflonate all'interno

# SQUARE JOINT CETOP RP107P

## ARTICOLAZIONE A SQUADRA CETOP RP107P

CODE ORDERING | Codice ordinazione

**0057** / diam.



| Weight<br>peso (g) | D.cil. | Q<br>H 13 | M<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 14 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | BS<br>max | BR<br>max | T<br>max | G<br>H 9 | S<br>+0.5<br>0 | F<br>+0.5<br>0 | BQ  |
|--------------------|--------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------|-----------|----------|----------|----------------|----------------|-----|
| 56                 | 32     | 6.6       | 11        | 18          | 31        | 21          | 8  | 32          | 38          | 51        | 10        | 20        | 1.6      | 10       | 10.5           | 3              | 26  |
| 139                | 40     | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 15        | 22        | 1.6      | 12       | 10.5           | 3              | 28  |
| 142                | 50     | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 16        | 26        | 1.6      | 12       | 10.5           | 3              | 32  |
| 200                | 63     | 9         | 15        | 35          | 50        | 37          | 14 | 50          | 52          | 67        | 16        | 30        | 1.6      | 16       | 10.5           | 3              | 40  |
| 312                | 80     | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 20        | 30        | 2.5      | 16       | 10.5           | 3              | 50  |
| 656                | 100    | 11        | 18        | 50          | 70        | 55          | 17 | 71          | 76          | 96        | 20        | 38        | 2.5      | 20       | 10.5           | 3              | 60  |
| 826                | 125    | 14        | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 30        | 45        | 3.2      | 25       | 10.5           | 3              | 70  |
| 2600               | 160    | 14        | 20        | 88          | 126       | 97          | 25 | 115         | 118         | 156       | 36        | 63        | 4        | 30       | -              | -              | 90  |
| 3250               | 200    | 18        | 26        | 90          | 130       | 105         | 30 | 135         | 122         | 162       | 40        | 63        | 4        | 30       | -              | -              | 90  |
| 5700               | 250    | 22        | 33        | 110         | 160       | 128         | 35 | 165         | 150         | 200       | 45        | 80        | 4.5      | 40       | -              | -              | 110 |

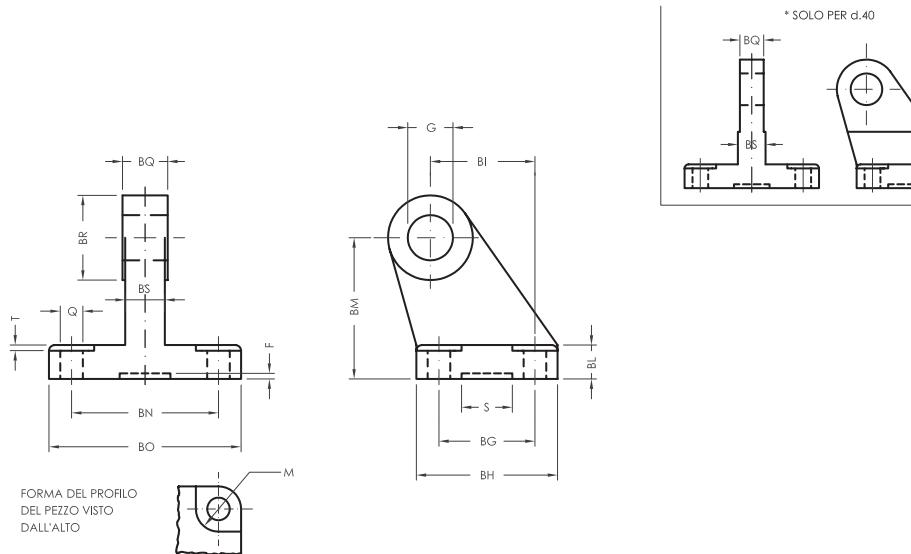


# SQUARE JOINT CETOP RP107P FOR FORK DIN 71752

ARTICOLAZIONE  
A SQUADRA CETOP RP107P  
PER FORCELLA DIN 71752

**CODE ORDERING | Codice ordinazione**

**0057 BIS / diam.**



| Weight<br>peso (g) | D.cil.<br>H 13 | Q<br>H 13 | M<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 14 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | BS<br>max | BR<br>max | T<br>max | G<br>H 9 | S<br>+0.5<br>0 | F<br>+0.5<br>0 | BQ<br>-0.2<br>-0.6 |
|--------------------|----------------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------|-----------|----------|----------|----------------|----------------|--------------------|
| 43                 | 32             | 6.6       | 11        | 18          | 31        | 21          | 8  | 32          | 38          | 51        | 9.4       | 20        | 1.6      | 10       | 10.5           | 3              | 10                 |
| 68                 | 40             | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 15        | -         | 1.6      | 12       | 10.5           | 3              | 12                 |
| 115                | 50             | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 15.4      | 26        | 1.6      | 16       | 10.5           | 3              | 16                 |
| 169                | 63             | 9         | 15        | 35          | 50        | 37          | 14 | 50          | 52          | 67        | 15.4      | 30        | 1.6      | 16       | 10.5           | 3              | 16                 |
| 260                | 80             | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 19.4      | 30        | 2.5      | 20       | 10.5           | 3              | 20                 |
| 426                | 100            | 11        | 18        | 50          | 70        | 55          | 17 | 71          | 76          | 96        | 19.4      | 38        | 2.5      | 20       | 10.5           | 3              | 20                 |
| 800                | 125            | 14        | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 30        | 45        | 3.2      | 30*      | 10.5           | 3              | 25<br>30           |
| 2500               | 160            | 14        | 20        | 88          | 126       | 97          | 25 | 115         | 118         | 156       | 36        | 63        | 4        | 35       | -              | -              | 35                 |
| 3100               | 200            | 18        | 26        | 90          | 130       | 105         | 30 | 135         | 122         | 162       | 40        | 63        | 4        | 35       | -              | -              | 35                 |
| 5500               | 250            | 22        | 33        | 110         | 160       | 128         | 35 | 165         | 150         | 200       | 45        | 80        | 4.5      | 42       | -              | -              | 42                 |

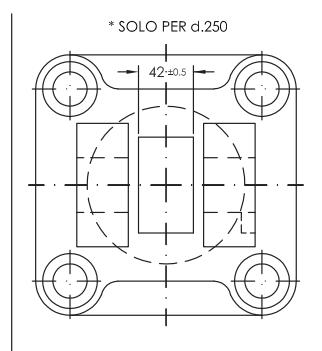
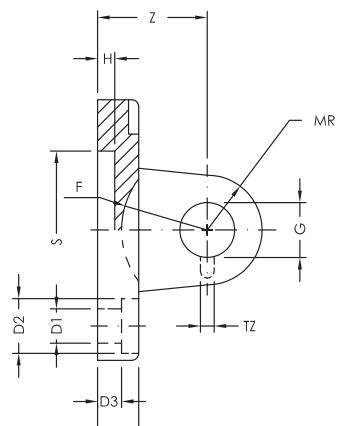
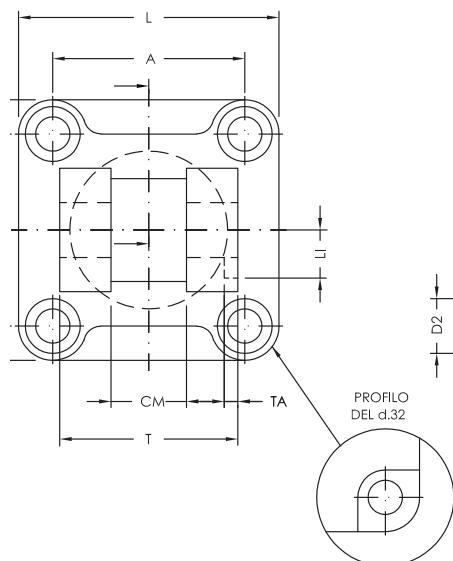
\* su richiesta 25 | on request 25

# NARROW FEMALE HINGE

## CERNIERA FEMMINA STRETTA

CODE ORDERING | Codice ordinazione

**0056 / diam.**



| Weight<br>peso (g) | D.cil.<br>d.12 | L<br>±0.5<br>d.12 | T<br>H 14<br>±0.2 | CM<br>H 14<br>±0.2 | A<br>Z<br>±0.2 | H<br>+1<br>0 | B  | D3<br>±0.5 | S<br>H 12 | G<br>F 7 | MR<br>+1<br>0 | D1<br>+0.4<br>-0.2 | D2  | TA<br>+0.2<br>0 | TZ<br>+0.2<br>0 | LI<br>+0.3<br>0 | F<br>min |                     |
|--------------------|----------------|-------------------|-------------------|--------------------|----------------|--------------|----|------------|-----------|----------|---------------|--------------------|-----|-----------------|-----------------|-----------------|----------|---------------------|
| 42                 | 32             | 45                | 34                | 14                 | 32.5           | 22           | 5  | 9          | 5.5       | 30       | 10            | 10                 | 6.6 | 11              | 3               | 3.3             | 11.5     | 17                  |
| 70                 | 40             | 52                | 40                | 16                 | 38             | 25           | 5  | 9          | 5.5       | 35       | 12            | 12                 | 6.6 | 11              | 4               | 4.3             | 12       | 20                  |
| 112                | 50             | 65                | 45                | 21                 | 46.5           | 27           | 5  | 11         | 6.5       | 40       | 16            | 14                 | 9   | 15              | 4               | 4.3             | 14       | 22                  |
| 194                | 63             | 75                | 51                | 21                 | 56.5           | 32           | 5  | 11         | 6.5       | 45       | 16            | 18                 | 9   | 15              | 4               | 4.3             | 14       | 25                  |
| 382                | 80             | 95                | 65                | 25                 | 72             | 36           | 5  | 14         | 10        | 45       | 20            | 20                 | 11  | 18              | 4               | 4.3             | 16       | 30                  |
| 610                | 100            | 115               | 75                | 25                 | 89             | 41           | 5  | 14         | 10        | 55       | 20            | 22                 | 11  | 18              | 4               | 6.3             | 16       | 32                  |
| 1100               | 125            | 140               | 97                | 37                 | 110            | 50           | 7  | 20         | 10        | 60       | 30            | 25                 | 14  | 20              | 6               | 6.3             | 24       | 42                  |
| 2030               | 160            | 180               | 122               | 43                 | 140            | 55           | 7  | 20         | 10        | 65       | 35            | 30                 | 18  | 26              | 6               | 6.3             | 26.5     | 46                  |
| 3400               | 200            | 220               | 122               | 43                 | 175            | 60           | 7  | 25         | 11        | 75       | 35            | 30                 | 18  | 26              | 6               | 6.3             | 26.5     | 49                  |
| 5400               | 250            | 270               | 125               | 49                 | 220            | 70           | 11 | 25         | 11        | 90       | 40            | 40.0               | 22  | 33              | 8.5             | 8.3             | 32       | 55.0 <sup>0.5</sup> |
| 10100              | 320            | 350               | 150               | 60                 | 270            | 80           | 11 | 30         | 15        | 110      | 50            | 50.0               | 22  | 33              | 8.5             | 8.3             | 32       | 65.0 <sup>0.5</sup> |

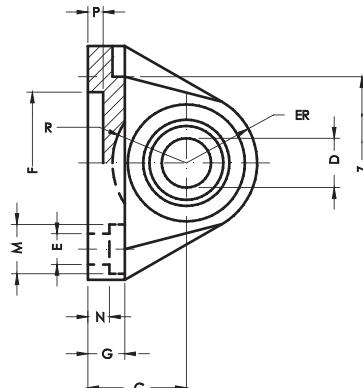
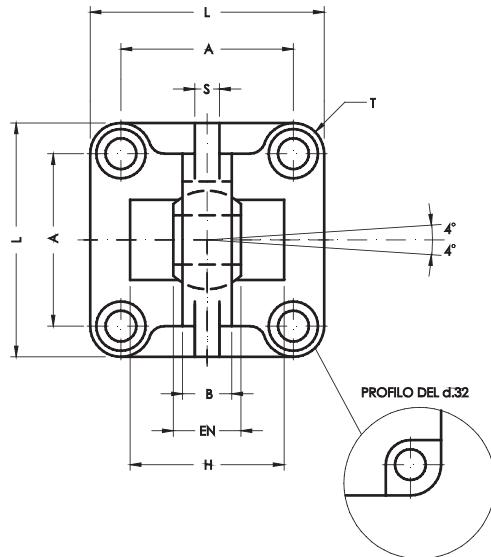


# NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

CERNIERA MASCHIO STRETTA  
CON TESTINA SNODATA  
DIN648K

**CODE ORDERING | Codice ordinazione**

**0053 / diam.**

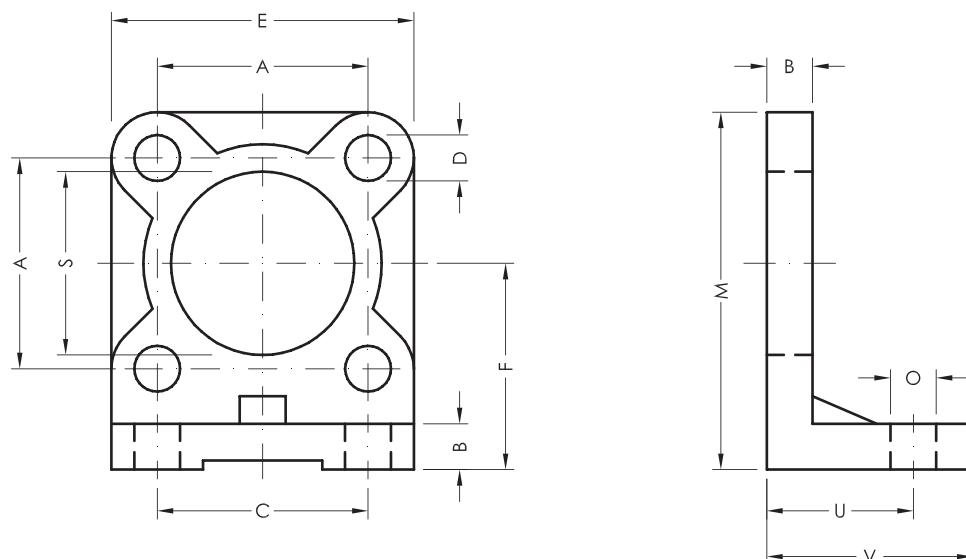


| Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>max | B<br>max | C<br>JS 15 | D<br>H 7 | EN<br>0<br>-0.1 | ER<br>max | F<br>H 11 | G  | E<br>H 13 | L   | M<br>H 13 | N<br>$\pm 0.5$ | P  | H<br>$\pm 0.5$ | R<br>$\pm 0.5$ | S  | Z    | T    |
|--------------------|---------------------|----------|----------|------------|----------|-----------------|-----------|-----------|----|-----------|-----|-----------|----------------|----|----------------|----------------|----|------|------|
| 62                 | 32                  | 32.5     | 10.5     | 22         | 10       | 14              | 16        | 30        | 9  | 6.6       | 45  | 11        | 5.5            | 5  | -              | -              | 4  | 32.5 | 6.25 |
| 100                | 40                  | 38       | 12       | 25         | 12       | 16              | 19        | 35        | 9  | 6.6       | 52  | 11        | 5.5            | 5  | -              | -              | 6  | 39   | 7    |
| 180                | 50                  | 46.5     | 15       | 27         | 16       | 21              | 21        | 40        | 11 | 9         | 65  | 15        | 6.5            | 5  | 51             | 18             | 8  | 47   | 9.25 |
| 244                | 63                  | 56.5     | 15       | 32         | 16       | 21              | 24        | 45        | 11 | 9         | 75  | 15        | 6.5            | 5  | -              | -              | 8  | 52   | 9.25 |
| 476                | 80                  | 72       | 18       | 36         | 20       | 25              | 28.5      | 45        | 14 | 11        | 95  | 18        | 10             | 5  | 72             | 24             | 10 | 67   | 11.5 |
| 646                | 100                 | 89       | 18       | 41         | 20       | 25              | 30        | 55        | 14 | 11        | 115 | 18        | 10             | 5  | -              | -              | 10 | 77   | 13   |
| 1410               | 125                 | 110      | 25       | 50         | 30       | 37              | 40        | 60        | 20 | 13.5      | 140 | 20        | 10             | 7  | -              | -              | 13 | 98   | 15   |
| 2420               | 160                 | 140      | 28       | 55         | 35       | 43              | 45        | 65        | 20 | 18        | 180 | 26        | 10             | 7  | -              | -              | 14 | 130  | 20   |
| 3840               | 200                 | 175      | 28       | 60         | 35       | 43              | 48        | 75        | 25 | 18        | 220 | 26        | 11             | 7  | -              | -              | 14 | 155  | 22.5 |
| 5850               | 250                 | 220      | 33       | 70         | 40       | 49              | 52        | 90        | 25 | 22        | 270 | 33        | 11             | 11 | -              | -              | 19 | 205  | 25   |
| 11850              | 320                 | 270      | 45       | 80         | 50       | 60              | 63        | 110       | 30 | 22        | 350 | 33        | 11             | 11 | -              | -              | -  | -    | 28   |

# HIGH RISE PEDESTAL PIEDINO ALTO

**CODE ORDERING | Codice ordinazione**

**0035 / diam.**



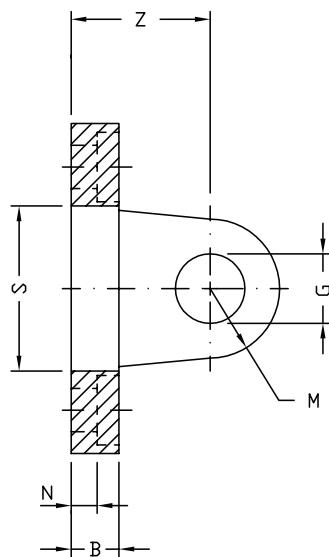
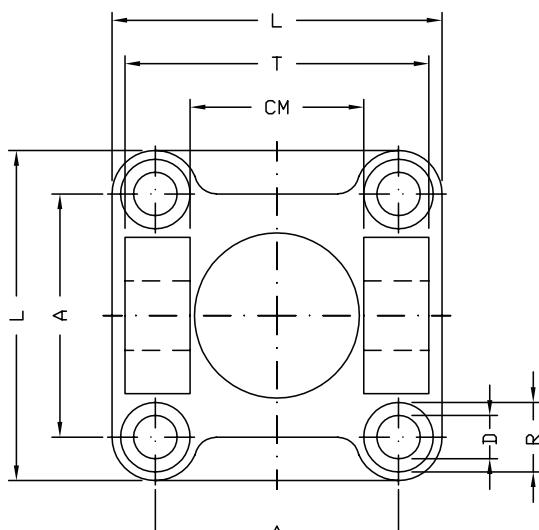
| Weight<br>peso (g) | D.cil. | A<br>±0.2 | B  | C<br>±0.2 | D<br>+0.3<br>0 | E   | F<br>±0.2 | M     | O<br>+0.3<br>0 | S<br>+0.3<br>0 | U<br>±0.2 | V  |
|--------------------|--------|-----------|----|-----------|----------------|-----|-----------|-------|----------------|----------------|-----------|----|
| 46                 | 32     | 32.5      | 8  | 32        | 7              | 45  | 32        | 54.5  | 7              | 30             | 24        | 35 |
| 66                 | 40     | 38        | 8  | 36        | 7              | 52  | 36        | 62    | 9              | 35             | 28        | 35 |
| 138                | 50     | 46.5      | 10 | 45        | 9              | 65  | 45        | 77.5  | 9              | 40             | 32        | 45 |
| 174                | 63     | 56.5      | 10 | 50        | 9              | 75  | 50        | 87.5  | 9              | 45             | 32        | 45 |
| 356                | 80     | 72        | 12 | 63        | 11             | 95  | 63        | 110.5 | 12             | 45             | 41        | 55 |
| 468                | 100    | 89        | 12 | 75        | 11             | 115 | 71        | 128   | 14             | 55             | 41        | 56 |
| 920                | 125    | 110       | 16 | 90        | 14             | 140 | 91        | 161   | 16             | 60             | 45        | 68 |
| 2300               | 160    | 140       | 20 | 115       | 18             | 180 | 115       | 205   | 18             | 65             | 60        | 82 |
| 3200               | 200    | 175       | 20 | 135       | 18             | 220 | 135       | 245   | 22             | 75             | 70        | 90 |



# FRONT FEMALE HINGE MP2

## CERNIERA FEMMINA ANTERIORE MP2

CODE ORDERING | Codice ordinazione

**0003ANT / diam.**

| Weight<br>peso (g) | D.cil.<br>mm | A<br>$\pm 0.2$<br>mm | L<br>mm | D<br>H 13<br>mm | R<br>H 13<br>mm | N<br>$\pm 0.5$<br>mm | B<br>mm | S<br>$+0.3$<br>0<br>mm | Z<br>$\pm 0.2$<br>mm | G<br>H 9<br>mm | M<br>max<br>mm | CM<br>H 14<br>mm | T<br>h 14<br>mm |
|--------------------|--------------|----------------------|---------|-----------------|-----------------|----------------------|---------|------------------------|----------------------|----------------|----------------|------------------|-----------------|
| 48                 | 32           | 32.5                 | 45      | 6.6             | 11              | 5.5                  | 9       | 30                     | 22                   | 10             | 10             | 26               | 45              |
| 75                 | 40           | 38                   | 52      | 6.6             | 11              | 5.5                  | 9       | 35                     | 25                   | 12             | 12             | 28               | 52              |
| 124                | 50           | 46.5                 | 65      | 9               | 15              | 6.5                  | 11      | 40                     | 27                   | 12             | 12             | 32               | 60              |
| 192                | 63           | 56.5                 | 75      | 9               | 15              | 6.5                  | 11      | 45                     | 32                   | 16             | 16             | 40               | 70              |
| 380                | 80           | 72                   | 95      | 11              | 18              | 10                   | 14      | 45                     | 36                   | 16             | 16             | 50               | 90              |
| 620                | 100          | 89                   | 115     | 11              | 18              | 10                   | 14      | 55                     | 41                   | 20             | 20             | 60               | 110             |
| 1180               | 125          | 110                  | 140     | 14              | 20              | 10                   | 20      | 60                     | 50                   | 25             | 25             | 70               | 130             |
| 1780               | 160          | 140                  | 180     | 18              | 26              | 10                   | 20      | 65                     | 55                   | 30             | 25             | 90               | 170             |
| 2900               | 200          | 175                  | 220     | 18              | 26              | 11                   | 25      | 75                     | 60                   | 30             | 25             | 90               | 170             |
| 5800               | 250          | 220                  | 270     | 22              | 33              | 11                   | 25      | 90                     | 70                   | 40             | 40             | 110              | 200             |
| 7500               | 320          | 270                  | 350     | 26              | 39              | 11                   | 30      | 110                    | 80                   | 45             | 45             | 120              | 220             |

## MOUNTING PARTS TO NORM FISSAGGI A NORMA

**ISO 15552**  
**STEEL | ACCIAIO**



**ISO 15552 ALUMINIUM | ALLUMINIO**



**ISO 15552 STAINLESS STEEL | INOX**



**ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO**



**ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX**



**FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO**



**FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO**



**NFPA ALUMINIUM | ALLUMINIO**



**CNOMO ALUMINIUM | ALLUMINIO**



**CNOMO STEEL | ACCIAIO**



**CETOP ALUMINIUM | ALLUMINIO**



**CETOP STEEL | ACCIAIO**



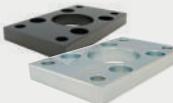
**ISO 6431 ALUMINIUM | ALLUMINIO**

# INDEX | INDICE

A2



**COD. 0017** | PAG. 28  
**FEMALE HINGE MP2**  
 CERNIERA FEMMINA MP2



**COD. 0018BIS** | PAG. 38  
**FLANGE VDMA MF1/MF2**  
 FLANGIA VDMA MF1/MF2



**COD. 0019** | PAG. 29  
**MALE HINGE MP4**  
 CERNIERA MASCHIO MP4



**COD. 0006** | PAG. 39  
**LOW-RISE PEDESTAL MS1**  
 PIEDINO BASSO MS1



**COD. 0005** | PAG. 30  
**SQUARE JOINT CETOP RP107P**  
 ARTICOLAZIONE A SQUADRA  
 CETOP RP107P



**COD. 0058** | PAG. 40  
**SUPPORT FOR  
INTERMEDIATE HINGE**  
 SUPPORTO PER CERNIERA  
 INTERMEDIA



**COD. 0005BIS** | PAG. 31  
**SQUARE JOINT CETOP RP107P  
FOR FORK DIN 71752**  
 ARTICOLAZIONE A SQUADRA CETOP  
 RP107P PER FORCELLA DIN 71752



**COD. 0009** | PAG. 41  
**INTERMEDIATE HINGE MT4**  
 CERNIERA INTERMEDIA  
 ROTONDA FILETTATA MT4



**COD. 0007** | PAG. 32  
**PIN FOR FEMALE HINGE MP2**  
 PERNO PER CERNIERA FEMMINA MP2



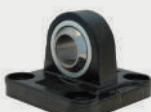
**COD. 0009REG** | PAG. 42  
**INTERMEDIATE HINGE  
ADJUSTABLE MT4**  
 CERNIERA INTERMEDIA  
 ROTONDA REGOLABILE MT4



**COD. 0013** | PAG. 33  
**NARROW FEMALE HINGE**  
 CERNIERA FEMMINA STRETTA



**COD. 0001** | PAG. 43  
**INTERMEDIATE SHAPED HINGE**  
 CERNIERA INTERMEDIA  
 SAGOMATA



**COD. 0018** | PAG. 34  
**NARROW MALE HINGE WITH  
ARTICULATED HEAD DIN648K**  
 CERNIERA MASCHIO STRETTA  
 CON TESTINA SNODATA DIN648K



**COD. 0027** | PAG. 44  
**LARGE LOW-RISE PEDESTAL**  
 PIEDINO BASSO LARGO



**COD. 0011** | PAG. 35  
**SQUARE JOINT WITH  
ARTICULATED HEAD DIN648K**  
 ARTICOLAZIONE A SQUADRA  
 CON TESTINA SNODATA DIN648K



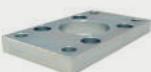
**COD. 0002** | PAG. 45  
**FRONT FEMAL HINGE MP7**  
 CERNIERA FEMMINA  
 ANTERIORE MP7



**COD. 0012** | PAG. 36  
**PIN ANTI-ROTATION  
FOR NARROW FEMALE HINGE**  
 PERNO ANTIROTAZIONE  
 PER CERNIERA FEMMINA STRETTA



**COD. 0076** | PAG. 46  
**INTERMEDIATE SPOT  
FACED HINGE**  
 CERNIERA INTERMEDIA LAMATA



**COD. 0008** | PAG. 35  
**FLANGE ISO MF1/MF2**  
 FLANGIA ISO MF1/MF2



**COD. 0076** | PAG. 47  
**INTERMEDIATE SPOT  
FACED HINGE**  
 CERNIERA INTERMEDIA LAMATA

TREATMENT | TRATTAMENTO

black cataphoresis | cataforesi nera

zinc coating | zincatura

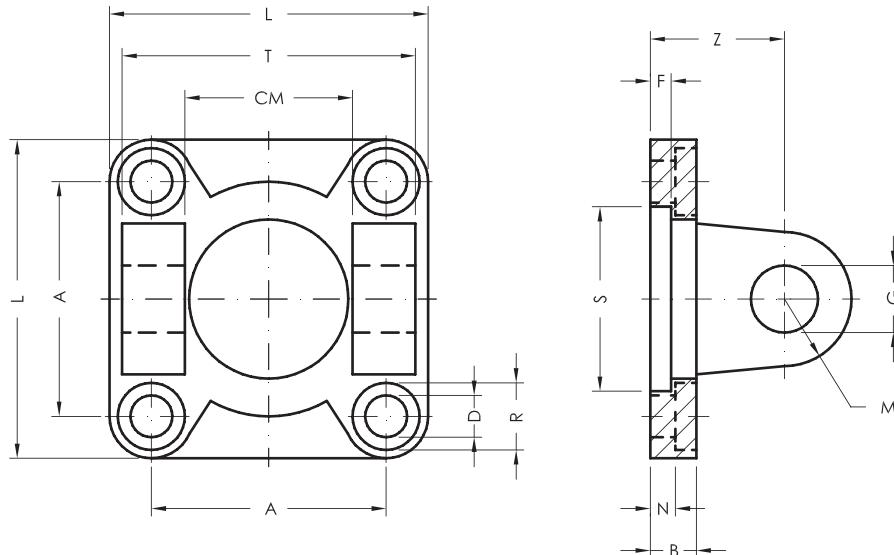
nickel-plating | nichelatura

# FEMALE HINGE MP2

## CERNIERA FEMMINA MP2

CODE ORDERING | Codice ordinazione

**0017** / diam.



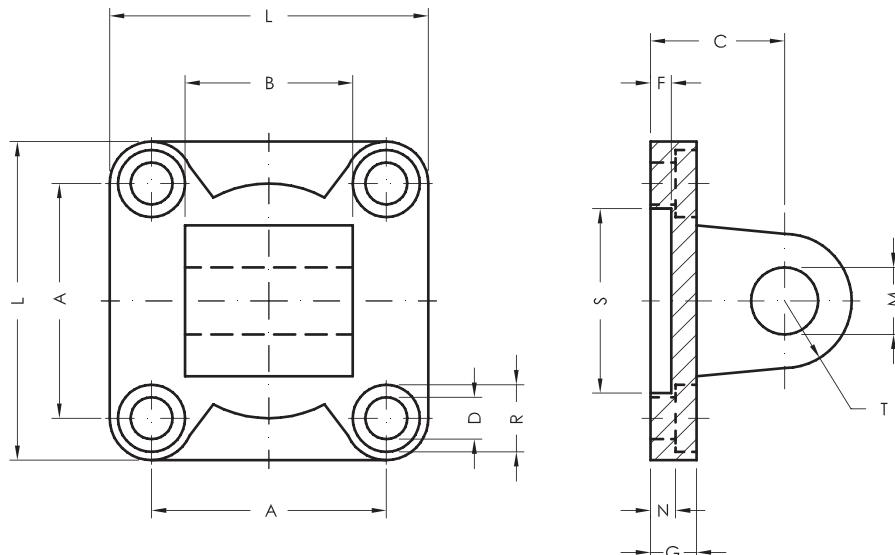
| Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>$\pm 0.2$ | L   | D<br>H 13 | R<br>H 13 | N<br>$\pm 0.5$ | B  | S<br>H 11 | F  | Z<br>$\pm 0.2$ | G<br>H 9 | M<br>max | CM<br>H 14 | T<br>h 14 |
|--------------------|---------------------|----------------|-----|-----------|-----------|----------------|----|-----------|----|----------------|----------|----------|------------|-----------|
| 138                | 32                  | 32.5           | 45  | 6.6       | 11        | 5.5            | 10 | 30        | 5  | 22             | 10       | 10       | 26         | 45        |
| 230                | 40                  | 38             | 55  | 6.6       | 11        | 5.5            | 10 | 35        | 5  | 25             | 12       | 12       | 28         | 52        |
| 338                | 50                  | 46.5           | 65  | 9         | 15        | 6.5            | 10 | 40        | 5  | 27             | 12       | 12       | 32         | 60        |
| 540                | 63                  | 56.5           | 75  | 9         | 15        | 6.5            | 12 | 45        | 5  | 32             | 16       | 16       | 40         | 70        |
| 1000               | 80                  | 72             | 95  | 11        | 18        | 10             | 14 | 45        | -  | 36             | 16       | 16       | 50         | 90        |
| 1700               | 100                 | 89             | 115 | 11        | 18        | 10             | 16 | 55        | -  | 41             | 20       | 20       | 60         | 110       |
| 3350               | 125                 | 110            | 140 | 13.5      | 20        | 10             | 20 | 60        | -  | 50             | 25       | 25       | 70         | 130       |
| 5750               | 160                 | 140            | 180 | 18        | 26        | 10             | 20 | 65        | 7  | 55             | 30       | 25       | 90         | 170       |
| 8900               | 200                 | 175            | 220 | 18        | 26        | 11             | 20 | 75        | 7  | 60             | 30       | 25       | 90         | 170       |
| 15900              | 250                 | 220            | 270 | 22        | 33        | 11             | 25 | 90        | 11 | 70             | 40       | 40       | 110        | 200       |
| 30750              | 320                 | 270            | 350 | 26        | 39        | 15             | 30 | 110       | 11 | 80             | 45       | 45       | 120        | 220       |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforesi nera  
Per viti ribassate a norma DIN 6912

MALE HINGE MP4  
CERNIERA MASCHIO MP4A<sub>2</sub>

CODE ORDERING | Codice ordinazione

**0019** / diam.

| Weight<br>peso (g) | D.cil. | A<br>±0.2 | L   | D<br>H 13 | R<br>H 13 | N<br>±0.5 | G  | S<br>H 11 | F  | C<br>±0.2 | M<br>H 9 | T<br>max | B   |
|--------------------|--------|-----------|-----|-----------|-----------|-----------|----|-----------|----|-----------|----------|----------|-----|
| 176                | 32     | 32.5      | 45  | 6.6       | 11        | 5.5       | 10 | 30        | 5  | 22        | 10       | 10       | 26  |
| 274                | 40     | 38        | 55  | 6.6       | 11        | 5.5       | 10 | 35        | 5  | 25        | 12       | 12       | 28  |
| 368                | 50     | 46.5      | 65  | 9         | 15        | 6.5       | 10 | 40        | 5  | 27        | 12       | 12       | 32  |
| 682                | 63     | 56.5      | 75  | 9         | 15        | 6.5       | 12 | 45        | 5  | 32        | 16       | 16       | 40  |
| 1196               | 80     | 72        | 95  | 11        | 18        | 10        | 14 | 45        | 5  | 36        | 16       | 16       | 50  |
| 2100               | 100    | 89        | 115 | 11        | 18        | 10        | 16 | 55        | 5  | 41        | 20       | 20       | 60  |
| 3740               | 125    | 110       | 140 | 13.5      | 20        | 10        | 20 | 60        | 7  | 50        | 25       | 25       | 70  |
| 5890               | 160    | 140       | 180 | 18        | 26        | 10        | 20 | 65        | 7  | 55        | 30       | 25       | 90  |
| 8470               | 200    | 175       | 220 | 18        | 26        | 11        | 20 | 75        | 7  | 60        | 30       | 25       | 90  |
| 16850              | 250    | 220       | 270 | 22        | 33        | 11        | 25 | 90        | 11 | 70        | 40       | 40       | 110 |
| 31750              | 320    | 270       | 350 | 26        | 39        | 15        | 30 | 110       | 11 | 80        | 45       | 45       | 120 |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

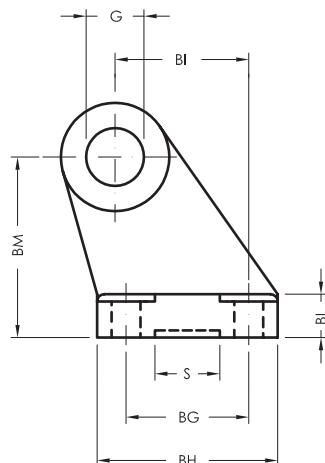
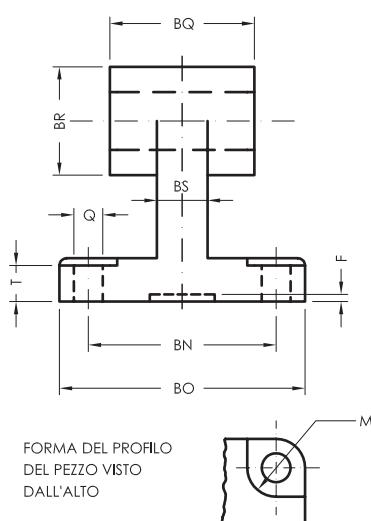
Trattamento:  
zincatura bianca o cataforesi nera  
Per viti ribassate a norma DIN 6912

# SQUARE JOINT CETOP RP107P

## ARTICOLAZIONE A SQUADRA CETOP RP107P

CODE ORDERING | Codice ordinazione

**0005** / diam.



| Weight<br>peso (g) | D.cil.<br>H 13 | Q<br>H 13 | M<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 15 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | BS<br>max | BR<br>max | BQ<br>-0.2<br>-0.6                 | G<br>H 9 | T<br>+0.5<br>0 | S<br>+0.2<br>0 | F |
|--------------------|----------------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------|-----------|------------------------------------|----------|----------------|----------------|---|
| 158                | 32             | 6.6       | 11        | 18          | 31        | 21          | 8  | 32          | 38          | 51        | 10        | 20        | 26                                 | 10       | 6.5            | 20             | 3 |
| 238                | 40             | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 10        | 22        | 28                                 | 12       | 8.5            | 20             | 3 |
| 418                | 50             | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 14        | 26        | 32                                 | 12       | 10.5           | 20             | 3 |
| 526                | 63             | 9         | 15        | 35          | 50        | 37          | 12 | 50          | 52          | 67        | 14        | 30        | 40                                 | 16       | 10.5           | 20             | 3 |
| 1055               | 80             | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 18        | 30        | 50                                 | 16       | 11.5           | 20             | 3 |
| 1510               | 100            | 11        | 18        | 50          | 70        | 55          | 15 | 71          | 76          | 96        | 20        | 36        | 60                                 | 20       | 12.5           | 20             | 3 |
| 3150               | 125            | 14        | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 30        | 45        | 70 <sup>-0.5</sup> <sub>-1.2</sub> | 25       | 17             | 20             | 3 |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforesi nera  
Per viti ribassate a norma DIN 6912



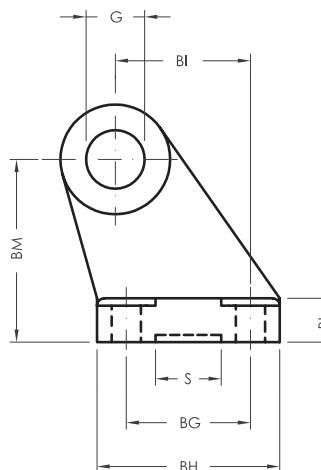
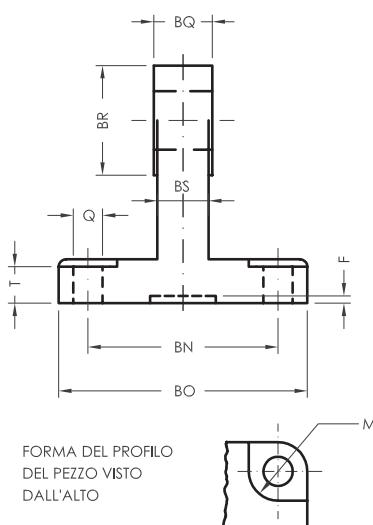
## SQUARE JOINT CETOP RP107P FOR FORK DIN 71752

ARTICOLAZIONE A SQUADRA  
CETOP RP107P PER FORCELLA  
DIN 71752

A<sub>2</sub>

CODE ORDERING | Codice ordinazione

**0005BIS / diam.**



| Weight<br>peso (g) | D.cil.<br>H 13 | Q<br>H 13 | M<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 15 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | BS<br>max | BR<br>max | BQ<br>-0.2 -0.6 | G<br>H 9 | T<br>+0.5<br>0 | S<br>+0.2<br>0 | F |
|--------------------|----------------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------|-----------|-----------------|----------|----------------|----------------|---|
| 128                | 32             | 6.6       | 11        | 18          | 31        | 21          | 8  | 32          | 38          | 51        | 9.4       | 20        | 10              | 10       | 6.5            | 20             | 3 |
| 183                | 40             | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 10        | 22        | 12              | 12       | 8.5            | 20             | 3 |
| 350                | 50             | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 14        | 26        | 16              | 16       | 10.5           | 20             | 3 |
| 450                | 63             | 9         | 15        | 35          | 50        | 37          | 12 | 50          | 52          | 67        | 14        | 30        | 16              | 16       | 10.5           | 20             | 3 |
| 800                | 80             | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 18        | 30        | 20              | 20       | 11.5           | 20             | 3 |
| 1210               | 100            | 11        | 18        | 50          | 70        | 55          | 15 | 71          | 76          | 96        | 20        | 36        | 20              | 20       | 12.5           | 20             | 3 |
| 2694               | 125            | 14        | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 30        | 45        | 30              | 30       | 17             | 20             | 3 |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforesi nera  
Per viti ribassate a norma DIN 6912

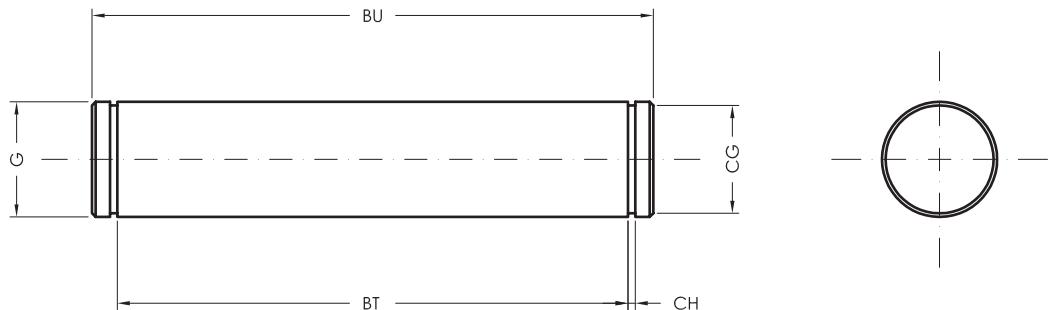
Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# PIN FOR FEMALE HINGE MP2

## PERNO PER CERNIERA FEMMINA MP2

CODE ORDERING | Codice ordinazione

**0007** / diam.



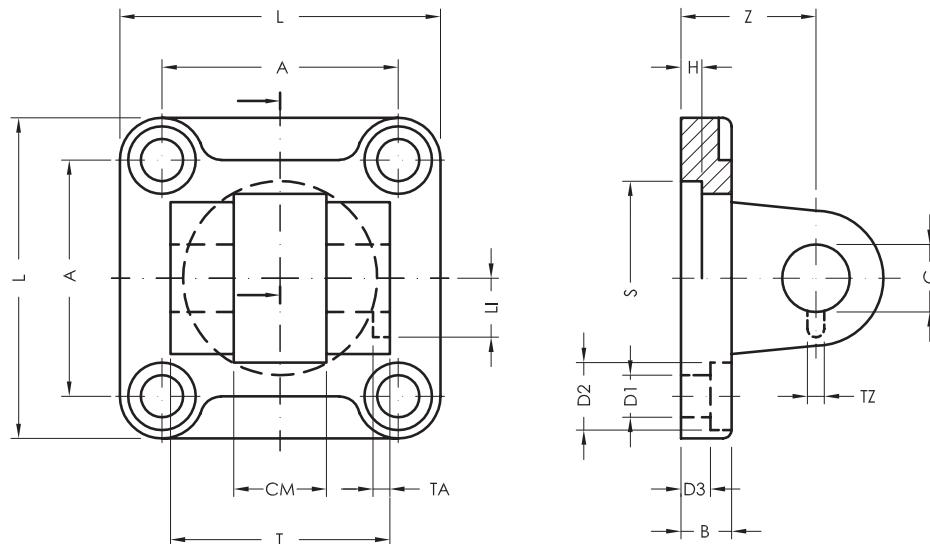
| Weight<br>peso (g) | D.cil. | G<br>ø 8 | BT<br>+0.3<br>0 | CG   | CH<br>H 13 | BU  |
|--------------------|--------|----------|-----------------|------|------------|-----|
| 32                 | 32     | 10       | 46              | 9.6  | 1.1        | 53  |
| 52                 | 40     | 12       | 53              | 11.5 | 1.1        | 60  |
| 60                 | 50     | 12       | 61              | 11.5 | 1.1        | 68  |
| 122                | 63     | 16       | 71              | 15.2 | 1.1        | 78  |
| 152                | 80     | 16       | 91              | 15.2 | 1.1        | 98  |
| 290                | 100    | 20       | 111             | 19   | 1.3        | 118 |
| 530                | 125    | 25       | 132             | 23.9 | 1.3        | 139 |
| 978                | 160    | 30       | 171.5           | 28.6 | 1.6        | 178 |
| 978                | 200    | 30       | 171.5           | 28.6 | 1.6        | 178 |
| 2100               | 250    | 40       | 202             | 37.5 | 1.85       | 211 |
| 2950               | 320    | 45       | 222             | 42.5 | 1.85       | 236 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

NARROW  
FEMALE HINGE  
CERNIERA FEMMINA  
STRETTA

CODE ORDERING | Codice ordinazione

**0013 / diam.**

| Weight<br>peso (g) | D.cil. | L<br>±0.5 | T<br>h 14 | CM<br>H 14 | A<br>±0.2 | Z<br>±0.2 | H | B  | D3<br>±0.5 | S<br>H 12 | G<br>F 7 | D1<br>H 13 | D2<br>H 13 | TA<br>+0.2<br>0 | TZ<br>+0.2<br>0 | LI<br>+0.3<br>0 |
|--------------------|--------|-----------|-----------|------------|-----------|-----------|---|----|------------|-----------|----------|------------|------------|-----------------|-----------------|-----------------|
| 140                | 32     | 45        | 34        | 14         | 32.5      | 22        | 5 | 10 | 5.5        | 30        | 10       | 6.6        | 10.5       | 3               | 3.3             | 11.5            |
| 230                | 40     | 55        | 40        | 16         | 38        | 25        | 5 | 10 | 5.5        | 35        | 12       | 6.6        | 11         | 4               | 4.3             | 12              |
| 336                | 50     | 65        | 45        | 21         | 46.5      | 27        | 5 | 10 | 6.5        | 40        | 16       | 9          | 15         | 4               | 4.3             | 14              |
| 546                | 63     | 75        | 51        | 21         | 56.5      | 32        | 5 | 12 | 6.5        | 45        | 16       | 9          | 15         | 4               | 4.3             | 14              |
| 1190               | 80     | 95        | 65        | 25         | 72        | 36        | 5 | 14 | 10         | 45        | 20       | 11         | 18         | 4               | 4.3             | 16              |
| 1840               | 100    | 115       | 75        | 25         | 89        | 41        | 5 | 16 | 10         | 55        | 20       | 11         | 18         | 4               | 6.3             | 16              |
| 3550               | 125    | 140       | 97        | 37         | 110       | 50        | 7 | 20 | 10         | 60        | 30       | 13.5       | 20         | 6               | 6.3             | 24              |

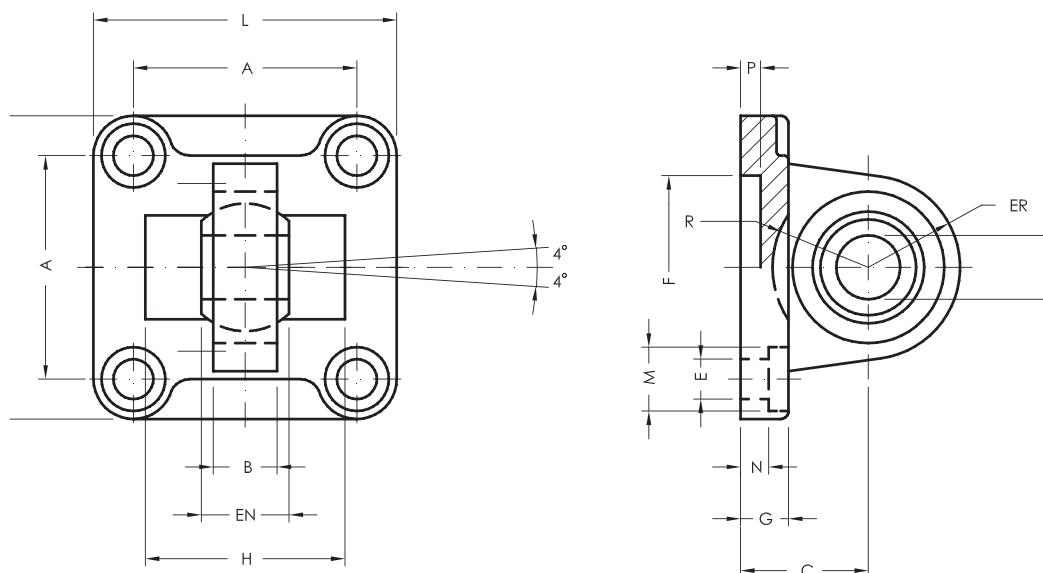
Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforsesi nera  
Per viti ribassate a norma DIN 6912

NARROW MALE HINGE WITH  
ARTICULATED HEAD DIN648K  
CERNIERA MASCHIO  
STRETTA CON TESTINA SNODATA  
DIN648K

CODE ORDERING | Codice ordinazione

**0018** / diam.



| Weight<br>peso (g) | D.cil.<br>A<br>±0.2 | B<br>max<br>JS 15 | C<br>H 7 | D<br>EN<br>0<br>-0.1 | ER<br>max<br>H 11 | F<br>H 13 | G<br>H 13 | E<br>H 13 | L<br>H 13 | M<br>H 13 | N   | P    | H<br>±0.5 | R<br>±0.5 |    |    |
|--------------------|---------------------|-------------------|----------|----------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----|------|-----------|-----------|----|----|
| 152                | 32                  | 32.5              | 10.5     | 22                   | 10                | 14        | 15        | 30        | 10        | 6.6       | 45  | 10.5 | 5.5       | 5         | -  | -  |
| 256                | 40                  | 38                | 12       | 25                   | 12                | 16        | 18        | 35        | 10        | 6.6       | 55  | 11   | 5.5       | 5         | -  | -  |
| 364                | 50                  | 46.5              | 15       | 27                   | 16                | 21        | 20        | 40        | 10        | 9         | 65  | 15   | 6.5       | 5         | 51 | 19 |
| 595                | 63                  | 56.5              | 15       | 32                   | 16                | 21        | 23        | 45        | 12        | 9         | 75  | 15   | 6.5       | 5         | -  | -  |
| 1122               | 80                  | 72                | 18       | 36                   | 20                | 25        | 27        | 45        | 14        | 11        | 95  | 18   | 10        | 5         | 70 | 24 |
| 1786               | 100                 | 89                | 18       | 41                   | 20                | 25        | 30        | 55        | 16        | 11        | 115 | 18   | 10        | 5         | -  | -  |
| 3500               | 125                 | 110               | 25       | 50                   | 30                | 37        | 40        | 60        | 20        | 13.5      | 140 | 20   | 10        | 7         | -  | -  |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforesi nera  
Per viti ribassate a norma DIN 6912

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS



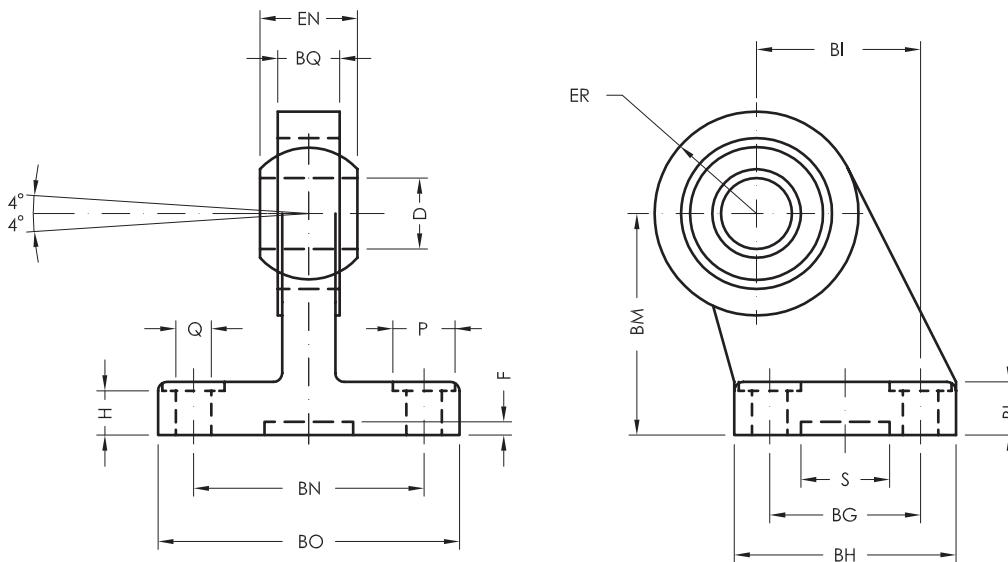
## SQUARE JOINT WITH ARTICULATED HEAD DIN648K

### ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K

A<sub>2</sub>

CODE ORDERING | Codice ordinazione

**0011 / diam.**



| Weight<br>peso (g) | D.cil. | Q<br>H 13 | P<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 15 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | EN<br>0<br>-0.1 | ER<br>max | BQ<br>max | D<br>H 7 | H<br>+0.5<br>0 | S<br>H 13 | F |
|--------------------|--------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------------|-----------|-----------|----------|----------------|-----------|---|
| 178                | 32     | 6.6       | 11        | 18          | 31        | 21          | 10 | 32          | 38          | 51        | 14              | 15        | 10.5      | 10       | 8.5            | 20        | 3 |
| 268                | 40     | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 16              | 18        | 12        | 12       | 8.5            | 20        | 3 |
| 458                | 50     | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 21              | 20        | 15        | 16       | 10.5           | 20        | 3 |
| 550                | 63     | 9         | 15        | 35          | 50        | 37          | 12 | 50          | 52          | 67        | 21              | 23        | 15        | 16       | 10.5           | 20        | 3 |
| 970                | 80     | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 25              | 27        | 18        | 20       | 11.5           | 20        | 3 |
| 1326               | 100    | 11        | 18        | 50          | 70        | 55          | 15 | 71          | 76          | 96        | 25              | 30        | 18        | 20       | 12.5           | 20        | 3 |
| 3000               | 125    | 13.5      | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 37              | 40        | 25        | 30       | 17             | 20        | 3 |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforsesi nera  
Per viti ribassate a norma DIN 6912

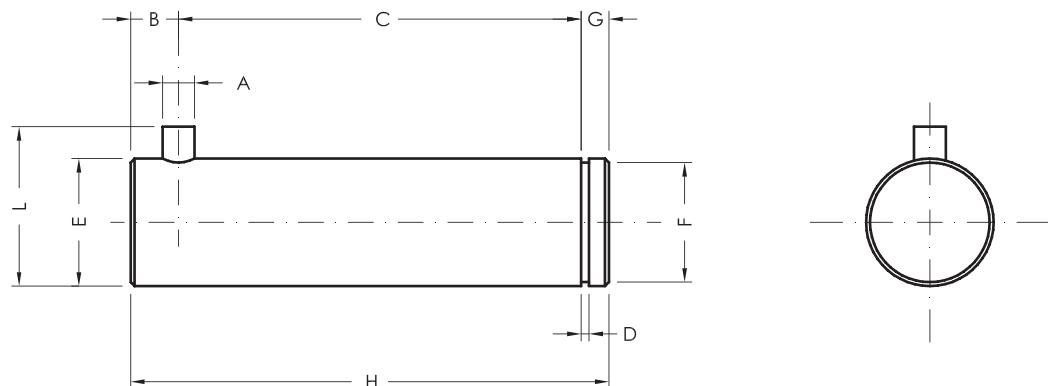
Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# PIN ANTI-ROTATION FOR NARROW FEMALE HINGE

## PERNO ANTIROTAZIONE PER CERNIERA FEMMINA STRETTA

CODE ORDERING | Codice ordinazione

**0012** / diam.



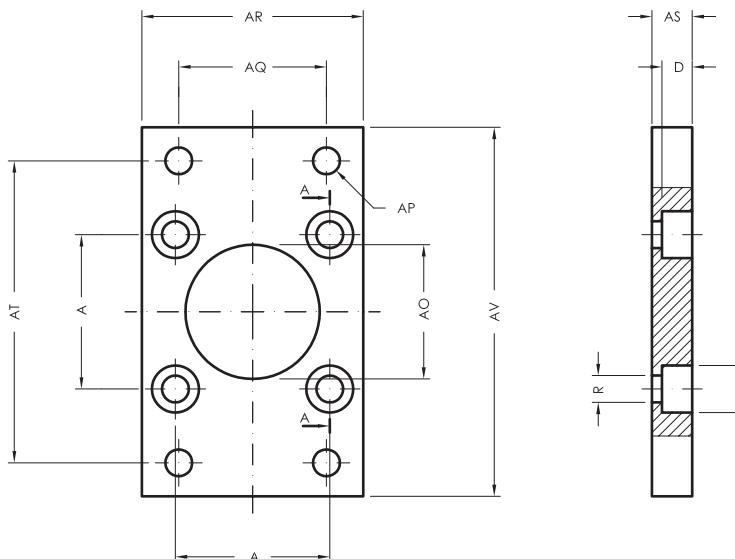
| Weight<br>peso (g) | D.cil. | A<br>H 12 | C<br>+0.5<br>+0.3 | D<br>H 13 | E<br>f 7 | F<br>h 11 | G | H   | L<br>0<br>-0.5 | B   |
|--------------------|--------|-----------|-------------------|-----------|----------|-----------|---|-----|----------------|-----|
| 26                 | 32     | 3         | 32.5              | 1.1       | 10       | 9.6       | 4 | 41  | 14             | 4.5 |
| 42                 | 40     | 4         | 38                | 1.1       | 12       | 11.5      | 4 | 48  | 16             | 6   |
| 84                 | 50     | 4         | 43                | 1.1       | 16       | 15.2      | 5 | 54  | 20             | 6   |
| 94                 | 63     | 4         | 49                | 1.1       | 16       | 15.2      | 5 | 60  | 20             | 6   |
| 184                | 80     | 4         | 63                | 1.3       | 20       | 19        | 6 | 75  | 24             | 6   |
| 208                | 100    | 4         | 73                | 1.3       | 20       | 19        | 6 | 85  | 24             | 6   |
| 606                | 125    | 6         | 94                | 1.6       | 30       | 28.6      | 7 | 110 | 36             | 9   |
| 972                | 160    | 6         | 119               | 1.6       | 35       | 33        | 7 | 135 | 41             | 9   |
| 972                | 200    | 6         | 119               | 1.6       | 35       | 33        | 7 | 135 | 41             | 9   |
| 1365               | 250    | 8         | 121               | 1.85      | 40       | 37.5      | 7 | 140 | 48             | 12  |

Treatment: white zinc coating  
Trattamento: zincatura bianca

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

FLANGE ISO  
MF1/MF2  
FLANGIA ISO MF1/MF2A<sub>2</sub>

CODE ORDERING | Codice ordinazione

**0008 / diam.**

| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R    | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  | C    | D    |
|--------------------|--------|----------------|------------|------------|------|-----------------|-----|-------------|-------------|-----|------|------|
| 190                | 32     | 32.5           | 7          | 30         | 6.5  | 10              | 45  | 32          | 64          | 80  | 10.5 | 6.5  |
| 246                | 40     | 38             | 9          | 35         | 6.5  | 10              | 52  | 36          | 72          | 90  | 10.5 | 6.5  |
| 478                | 50     | 46.5           | 9          | 40         | 8.5  | 12              | 65  | 45          | 90          | 110 | 13.5 | 8.5  |
| 622                | 63     | 56.5           | 9          | 45         | 8.5  | 12              | 75  | 50          | 100         | 120 | 13.5 | 8.5  |
| 1430               | 80     | 72             | 12         | 45         | 10.5 | 16              | 95  | 63          | 126         | 150 | 16.5 | 10.5 |
| 1986               | 100    | 89             | 14         | 55         | 10.5 | 16              | 115 | 75          | 150         | 170 | 16.5 | 10.5 |
| 3750               | 125    | 110            | 16         | 60         | 13.5 | 20              | 140 | 90          | 180         | 205 | 20   | 12.5 |
| 6350               | 160    | 140            | 18         | 65         | 17   | 20              | 180 | 115         | 230         | 260 | 25   | 16.5 |
| 11350              | 200    | 175            | 22         | 75         | 17   | 25              | 220 | 135         | 270         | 300 | 25   | 16.5 |
| 20100              | 250    | 220            | 26         | 90         | 22.5 | 25              | 285 | 165         | 330         | 400 | 33   | 20   |

Treatment:  
white zinc coating, on request black cataphoresis  
For screws to DIN 912 norm

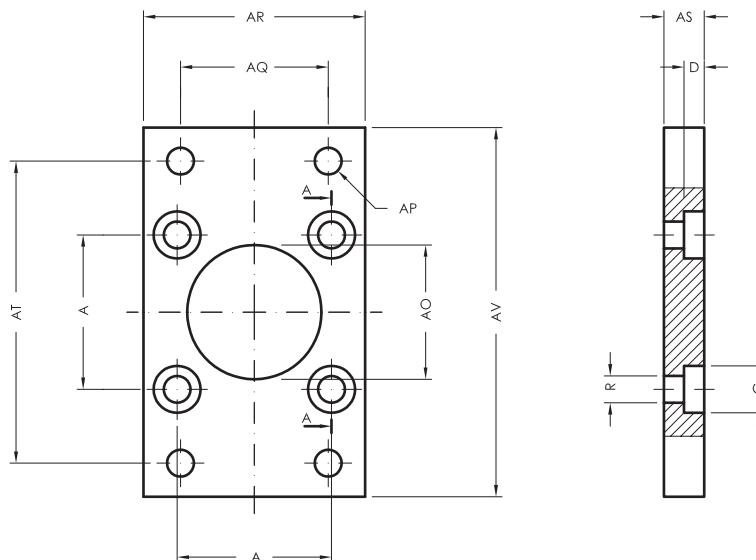
Trattamento:  
zincatura bianca, a richiesta cataforsesi nera  
Per viti normali a norma DIN 912

# FLANGE VDMA MF1/MF2

## FLANGIA VDMA MF1/MF2

CODE ORDERING | Codice ordinazione

**0008BIS / diam.**



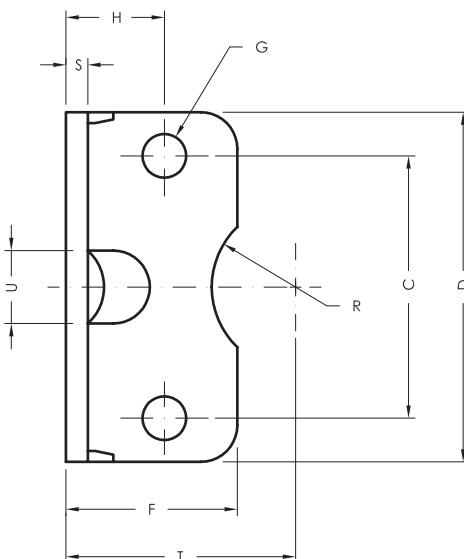
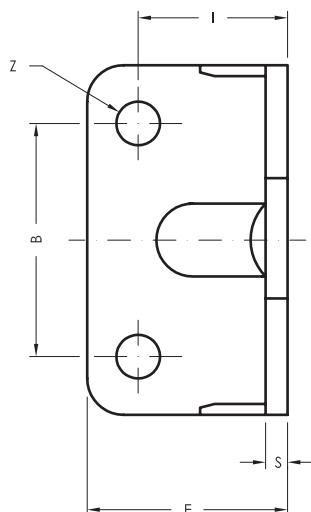
| Weight<br>peso (g) | D.cil. | A<br>±0.2 | AP<br>H 13 | AO<br>H 11 | R<br>H 13 | AS<br>±0.2 | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  | C<br>H 13 | D<br>+0.5<br>0 |
|--------------------|--------|-----------|------------|------------|-----------|------------|-----|-------------|-------------|-----|-----------|----------------|
| 192                | 32     | 32.5      | 7          | 30         | 6.6       | 10         | 45  | 32          | 64          | 80  | 10.5      | 5              |
| 250                | 40     | 38        | 9          | 35         | 6.6       | 10         | 52  | 36          | 72          | 90  | 11        | 5              |
| 482                | 50     | 46.5      | 9          | 40         | 9         | 12         | 65  | 45          | 90          | 110 | 15        | 5.5            |
| 626                | 63     | 56.5      | 9          | 45         | 9         | 12         | 75  | 50          | 100         | 120 | 15        | 5.5            |
| 1436               | 80     | 72        | 12         | 45         | 11        | 16         | 95  | 63          | 126         | 150 | 18        | 8              |
| 1994               | 100    | 89        | 14         | 55         | 11        | 16         | 115 | 75          | 150         | 170 | 18        | 8              |
| 3760               | 125    | 110       | 16         | 60         | 13.5      | 20         | 140 | 90          | 180         | 205 | 20        | 9.5            |
| 6362               | 160    | 140       | 18         | 65         | 18        | 20         | 180 | 115         | 230         | 260 | 26        | 10.5           |
| 11368              | 200    | 175       | 22         | 75         | 18        | 25         | 220 | 135         | 270         | 300 | 26        | 12.5           |
| 20150              | 250    | 220       | 26         | 90         | 22        | 25         | 285 | 165         | 330         | 400 | 33        | 14.5           |
| 34550              | 320    | 270       | 33         | 110        | 26        | 30         | 350 | 200         | 400         | 470 | 39        | 15             |

Treatment:  
white zinc coating or black cataphoresis  
For screws to DIN 6912 norm

Trattamento:  
zincatura bianca o cataforesi nera  
Per viti ribassate a norma DIN 6912

LOW-RISE  
PEDESTAL MS1  
PIEDINO BASSO MS1

CODE ORDERING | Codice ordinazione

**0006** / diam.

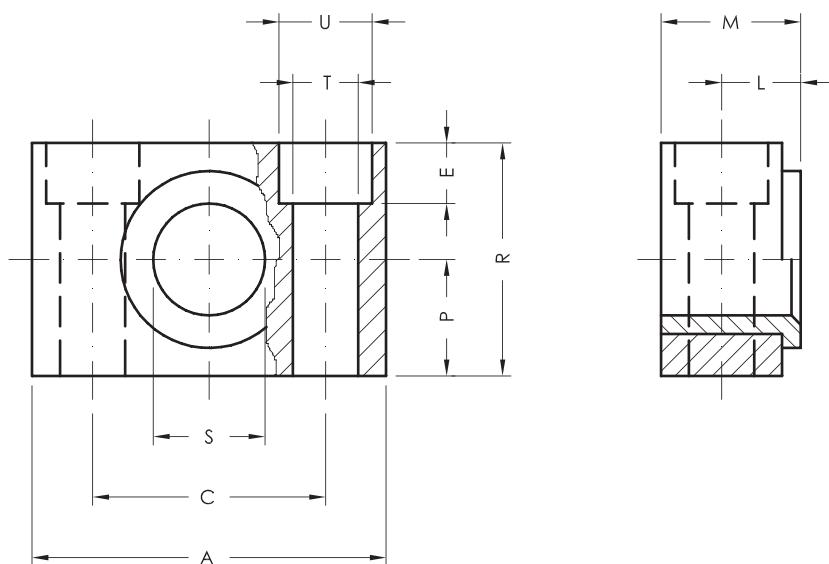
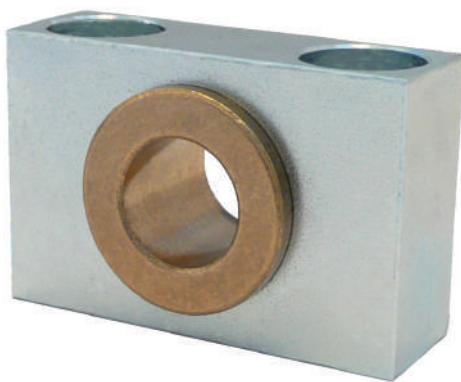
| Weight<br>peso (g) | D.cil.<br>C<br>±0.2 | B<br>JS 14 | D<br>0<br>-0.2 | E   | F<br>+2<br>0 | G<br>H 14 | H<br>±0.2 | I<br>±0.2 | S<br>±0.5 | T<br>JS 15 | R<br>H 15 | U    | Z<br>H 14 |
|--------------------|---------------------|------------|----------------|-----|--------------|-----------|-----------|-----------|-----------|------------|-----------|------|-----------|
| 66                 | 32                  | 32.5       | 32             | 45  | 35           | 30        | 7         | 15.75     | 24        | 4          | 32        | 15   | 11        |
| 78                 | 40                  | 38         | 36             | 52  | 36           | 30        | 7         | 17        | 28        | 4          | 36        | 17.5 | 15        |
| 168                | 50                  | 46.5       | 45             | 65  | 47           | 36        | 9         | 21.75     | 32        | 5          | 45        | 20   | 16        |
| 190                | 63                  | 56.5       | 50             | 75  | 45           | 35        | 9         | 21.75     | 32        | 5          | 50        | 22.5 | 18        |
| 382                | 80                  | 72         | 63             | 95  | 55           | 47        | 11        | 27        | 41        | 6          | 63        | 22.5 | 17        |
| 452                | 100                 | 89         | 75             | 115 | 57           | 53        | 11        | 26.5      | 41        | 6          | 71        | 27.5 | 24        |
| 1150               | 125                 | 110        | 90             | 140 | 70           | 70        | 14        | 35        | 45        | 8          | 90        | 30   | -         |
| 2000               | 160                 | 140        | 115            | 180 | 75           | 100       | 18        | 45        | 60        | 9          | 115       | 32.5 | -         |
| 3800               | 200                 | 175        | 135            | 220 | 100          | 100       | 18        | 47.5      | 70        | 12         | 135       | 37.5 | -         |
| 6600               | 250                 | 220        | 165            | 270 | 100          | 150       | 22        | 55        | 75        | 14±1       | 165       | 45   | -         |
|                    |                     |            |                |     |              |           |           |           |           |            |           |      | 26        |

Treatment: white zinc coating  
or black cataphoresisTrattamento: zincatura bianca  
o cataforesi neraMateriale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICIPossibility of ordering in pair  
Possibilità di ordinarlo a coppie con il codice  
**CP0006**

# SUPPORT FOR INTERMEDIATE HINGE SUPPORTO PER CERNIERA INTERMEDIA

CODE ORDERING | Codice ordinazione

**0058** / diam.



| Weight<br>peso (g) | D.cil.  | A   | M    | R  | P<br>$\pm 0.1$ | C<br>$\pm 0.2$ | S<br>F 7 | L    | U<br>H 13 | T<br>H 13 | E<br>$\pm 0.5$ |
|--------------------|---------|-----|------|----|----------------|----------------|----------|------|-----------|-----------|----------------|
| 100                | 32      | 46  | 18   | 30 | 15             | 32             | 12       | 10.5 | 11        | 6.6       | 7              |
| 150                | 40-50   | 55  | 21   | 36 | 18             | 36             | 16       | 12   | 15        | 9         | 9              |
| 234                | 63-80   | 65  | 23   | 40 | 20             | 42             | 20       | 13   | 18        | 11        | 11             |
| 435                | 100-125 | 75  | 28.5 | 50 | 25             | 50             | 25       | 16   | 20        | 14        | 13             |
| 850                | 160-200 | 92  | 40   | 60 | 30             | 60             | 32       | 22.5 | 26        | 18        | 17             |
| 2750               | 250     | 140 | 56   | 70 | 35             | 90             | 40       | 31   | 33        | 22        | 20             |
| 3520               | 320     | 150 | 60   | 80 | 40             | 100            | 50       | 32,5 | 39        | 26        | 25,5           |

Treatment: white zinc coating  
The bush is in sinterized bronze:  
Bronze Premix PMX 552

Trattamento: zincatura bianca  
La bussola è in bronzo sinterizzato:  
Bronzo Premix PMX 552

Possibility of ordering in pair  
Possibilità di ordinarlo a coppie con il codice  
**CP0058**

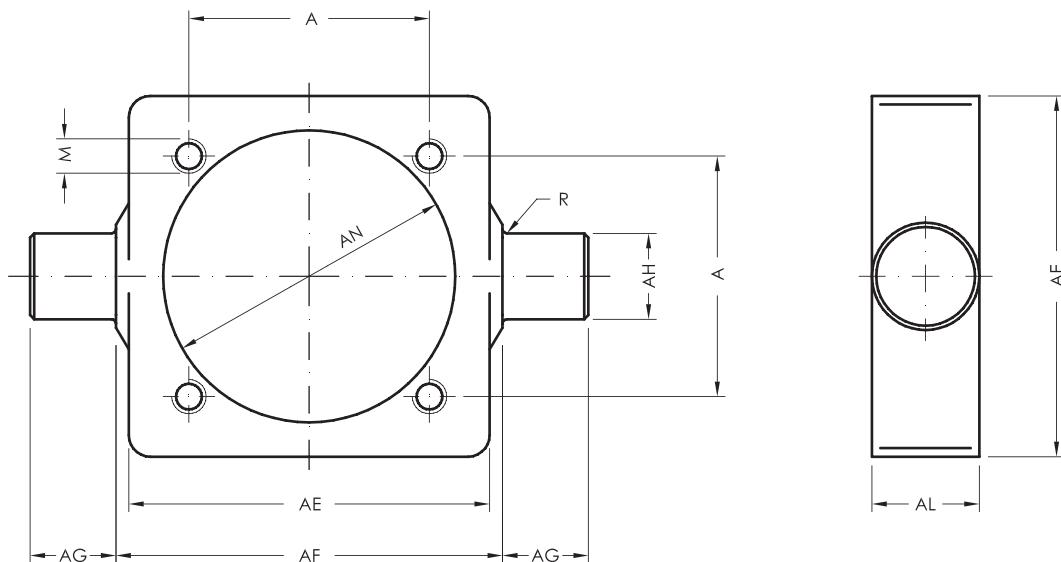


## INTERMEDIATE HINGE MT4

### CERNIERA INTERMEDIA ROTONDA FILETTATA MT4

A<sub>2</sub>

CODE ORDERING | Codice ordinazione

**0009 / diam.**

| Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>$\pm 0.2$ | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>$+0.2$<br>0 | R<br>max | M   |
|--------------------|---------------------|----------------|-----------|-----------|-----------|------------|------------|-------------------|----------|-----|
| 128                | 32                  | 32.5           | 46        | 15        | 12        | 12         | 50         | 37                | 1        | M6  |
| 308                | 40                  | 38             | 59        | 20        | 16        | 16         | 63         | 46                | 1.5      | M6  |
| 370                | 50                  | 46.5           | 69        | 20        | 16        | 16         | 75         | 56                | 1.6      | M8  |
| 690                | 63                  | 56.5           | 84        | 25        | 20        | 20         | 90         | 69                | 1.6      | M8  |
| 894                | 80                  | 72             | 102       | 25        | 20        | 20         | 110        | 87                | 1.6      | M10 |
| 1584               | 100                 | 89             | 125       | 30        | 25        | 25         | 132        | 107               | 2        | M10 |
| 2600               | 125                 | 110            | 155       | 32        | 25        | 25         | 160        | 133.5             | 2        | M12 |
| 4300               | 160                 | 140            | 190       | 40        | 32        | 32         | 200        | 171               | 2.5      | M16 |
| 7450               | 200                 | 175            | 240       | 40        | 32        | 32         | 250        | 211               | 2.5      | M16 |
| 13000              | 250                 | 220            | 296       | 50        | 40        | 40         | 320        | 268               | -        | M20 |
| 22500              | 320                 | 270            | 370       | 60        | 50        | 50         | 400        | 343               | -        | M24 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

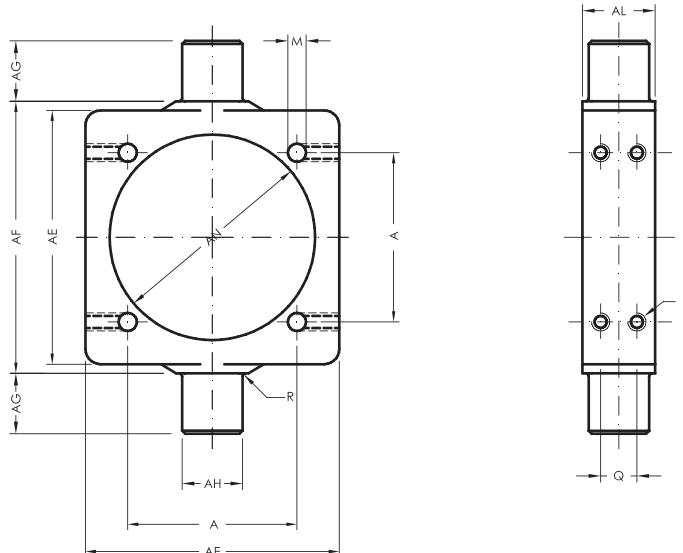
Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# INTERMEDIATE HINGE ADJUSTABLE MT4

## CERNIERA INTERMEDIA ROTONDA REGOLABILE MT4

CODE ORDERING | Codice ordinazione

**0009REG / diam.**



| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>+0.2<br>0 | R<br>max | M<br>+0.2<br>0 | Q<br>$\pm 0.2$ | Z   |
|--------------------|--------|----------------|-----------|-----------|-----------|------------|------------|-----------------|----------|----------------|----------------|-----|
| 110                | 32     | 32.5           | 46        | 15        | 12        | 12         | 50         | 37              | 1        | 6.25           | 7              | M5  |
| 290                | 40     | 38             | 59        | 20        | 16        | 16         | 63         | 46              | 1.5      | 6.25           | 8              | M5  |
| 330                | 50     | 46.5           | 69        | 20        | 16        | 16         | 75         | 56              | 1.6      | 8.25           | 8              | M6  |
| 650                | 63     | 56.5           | 84        | 25        | 20        | 20         | 90         | 69              | 1.6      | 8.25           | 12             | M6  |
| 830                | 80     | 72             | 102       | 25        | 20        | 20         | 110        | 87              | 1.6      | 10.25          | 12             | M8  |
| 1560               | 100    | 89             | 125       | 30        | 25        | 25         | 132        | 107             | 2        | 10.25          | 15             | M8  |
| 2450               | 125    | 110            | 155       | 32        | 25        | 25         | 160        | 133.5           | 2        | 12.25          | 15             | M10 |
| 4150               | 160    | 140            | 190       | 40        | 32        | 32         | 200        | 171             | 2.5      | 16.25          | 18             | M12 |
| 7300               | 200    | 175            | 240       | 40        | 32        | 32         | 250        | 211             | 2.5      | 16.25          | 18             | M12 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

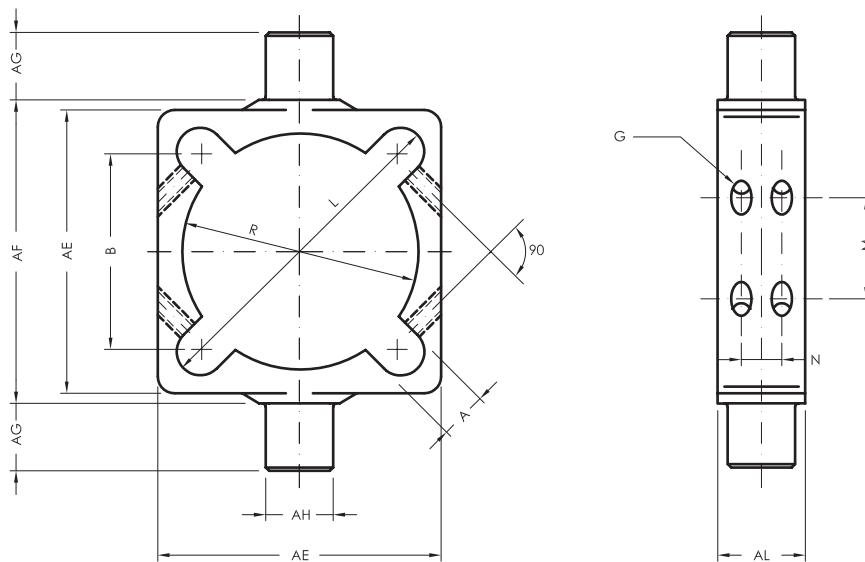
MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS



# INTERMEDIATE SHAPED HINGE

## CERNIERA INTERMEDIA SAGOMATA

CODE ORDERING | Codice ordinazione

**0001 / diam.**

| Weight<br>peso (g) | D.cil.<br>Ø | B<br>±0.2 | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | R<br>+0.2<br>0 | L<br>+0.3<br>0 | G   | A<br>+0.2<br>0 | M<br>±0.3 | N<br>±0.3 |
|--------------------|-------------|-----------|-----------|-----------|-----------|------------|------------|----------------|----------------|-----|----------------|-----------|-----------|
| 130                | 32          | 33        | 48.5      | 18        | 12        | 12         | 50         | 37             | 58             | M5  | 11.3           | 13.5      | 7         |
| 238                | 40          | 39.7      | 59        | 20        | 16        | 16         | 63         | 46             | 67.5           | M6  | 11.3           | 19        | 8         |
| 318                | 50          | 48.4      | 71        | 20        | 16        | 16         | 75         | 56             | 82.5           | M6  | 14             | 24.5      | 8         |
| 608                | 63          | 58.7      | 84        | 26        | 20        | 20         | 90         | 69             | 97             | M6  | 14             | 28        | 12        |
| 928                | 80          | 73.5      | 105       | 26        | 20        | 20         | 110        | 87             | 120            | M6  | 16             | 36.5      | 12        |
| 1562               | 100         | 91.6      | 129       | 32        | 25        | 25         | 132        | 107            | 146.5          | M8  | 17             | 42.5      | 15        |
| 2200               | 125         | 116.7     | 154       | 33        | 25        | 25         | 160        | 133.5          | 183            | M8  | 18             | 59.5      | 15        |
| 3650               | 160         | 146       | 190       | 40        | 32        | 32         | 200        | 171            | 232.5          | M10 | 26.5           | 100.5     | 20        |
| 5940               | 200         | 186       | 240       | 40        | 32        | 32         | 250        | 213            | 291            | M10 | 28             | 110.5     | 22        |

Treatment: white zinc coating  
Trattamento: zincatura bianca

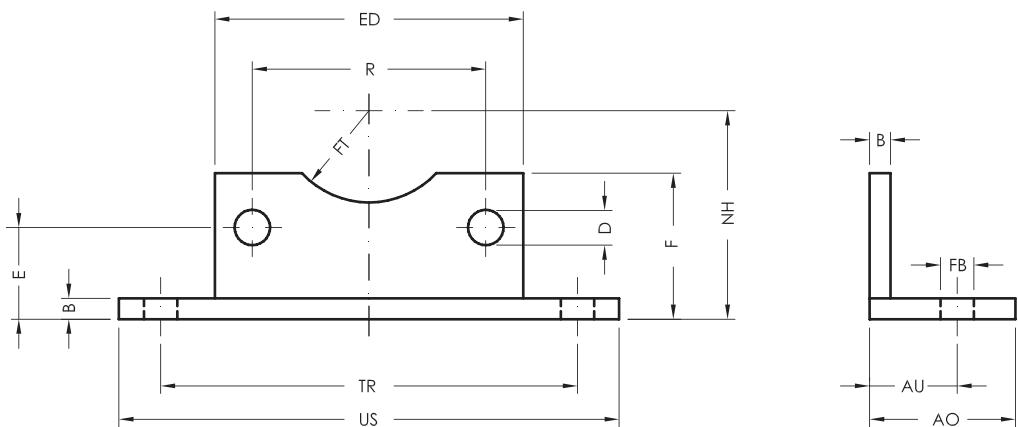
Materiale: Acciaio  
FISAGGI PER CILINDRI PNEUMATICI

# LARGE LOW-RISE PEDESTAL

## PIEDINO BASSO LARGO

**CODE ORDERING | Codice ordinazione**

**0027 / diam.**



| Weight<br>peso (g) | D.cil. | US<br>0<br>-0.2 | ED<br>±0.2 | F<br>+1<br>0 | AO<br>+1<br>0 | B<br>±0.3 | TR<br>JS 14 | E<br>±0.1 | D<br>H 13 | FT<br>H 15 | NH<br>JS 15 | R<br>±0.2 | AU<br>±0.2 | FB<br>H 14 |
|--------------------|--------|-----------------|------------|--------------|---------------|-----------|-------------|-----------|-----------|------------|-------------|-----------|------------|------------|
| 122                | 32     | 79              | 45         | 30           | 30            | 5         | 65          | 15.75     | 6.5       | 15         | 32          | 32.5      | 18         | 6.5        |
| 146                | 40     | 90              | 55         | 30           | 30            | 5         | 75          | 17        | 6.5       | 17.5       | 36          | 38        | 18         | 6.5        |
| 218                | 50     | 110             | 65         | 35           | 35            | 5         | 90          | 21.75     | 8.5       | 20         | 45          | 46.5      | 21         | 8.5        |
| 238                | 63     | 120             | 75         | 35           | 35            | 5         | 100         | 21.75     | 8.5       | 22.5       | 50          | 56.5      | 21         | 8.5        |
| 488                | 80     | 153             | 95         | 45           | 45            | 6         | 128         | 26.5      | 10.5      | 22.5       | 63          | 72        | 27         | 10.5       |
| 580                | 100    | 178             | 115        | 45           | 45            | 6         | 148         | 27        | 10.5      | 27.5       | 71          | 89        | 27         | 10.5       |

Treatment: black cataphoresis  
Trattamento: cataforesi nera

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

44

Possibility of ordering in pair  
Possibilità di ordinarlo a coppie con il codice  
**CP0027**

Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

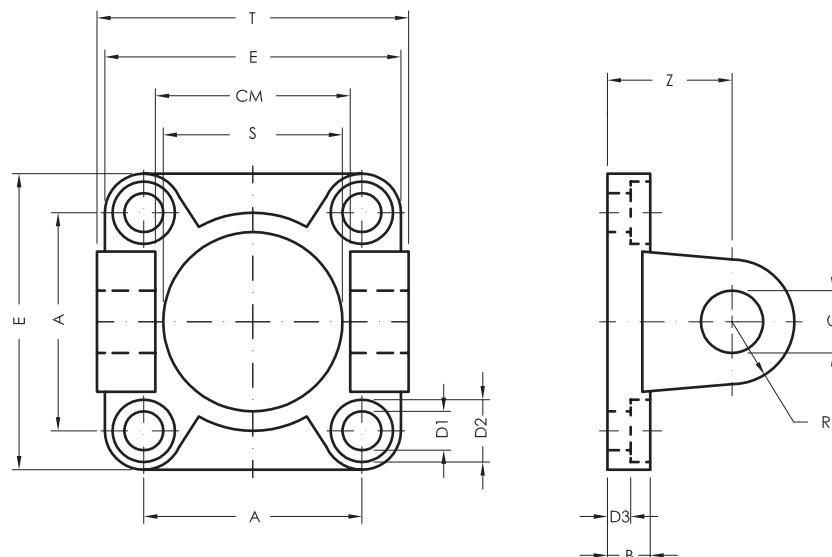


# FRONT FEMAL HINGE MP7

## CERNIERA FEMMINA ANTERIORE MP7

A<sub>2</sub>

CODE ORDERING | Codice ordinazione

**0002 / diam.**

| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | E  | D1<br>H 13 | D2<br>H 13 | D3<br>$\pm 0.5$ | B  | S<br>H 11 | Z<br>$\pm 0.2$ | G<br>H 9 | R<br>max | CM<br>H 14 | T<br>h 14 |
|--------------------|--------|----------------|----|------------|------------|-----------------|----|-----------|----------------|----------|----------|------------|-----------|
| 125                | 32     | 32.5           | 45 | 6.5        | 10.5       | 8               | 10 | 30        | 22             | 10       | 10       | 32         | 50        |
| 214                | 40     | 38             | 55 | 6.5        | 10.5       | 8               | 10 | 35        | 25             | 12       | 12       | 37         | 58        |
| 298                | 50     | 46.5           | 65 | 8.5        | 13.5       | 8               | 10 | 40        | 27             | 12       | 12       | 42         | 70        |
| 518                | 63     | 56.5           | 75 | 8.5        | 13.5       | 10              | 12 | 45        | 32             | 16       | 16       | 47         | 75        |

Treatment: black cataphoresis  
Trattamento: cataforesi nera

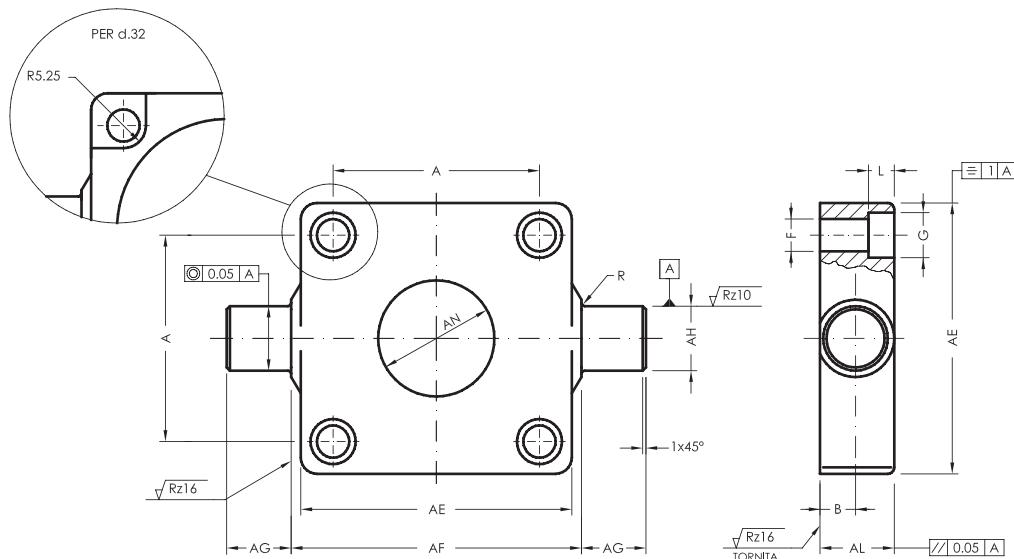
Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# INTERMEDIATE SPOT FACED HINGE

## CERNIERA INTERMEDIA LAMATA

CODE ORDERING | Codice ordinazione

**0076 / diam.**

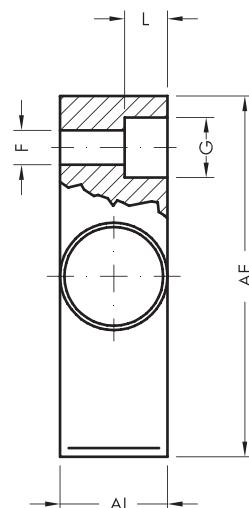
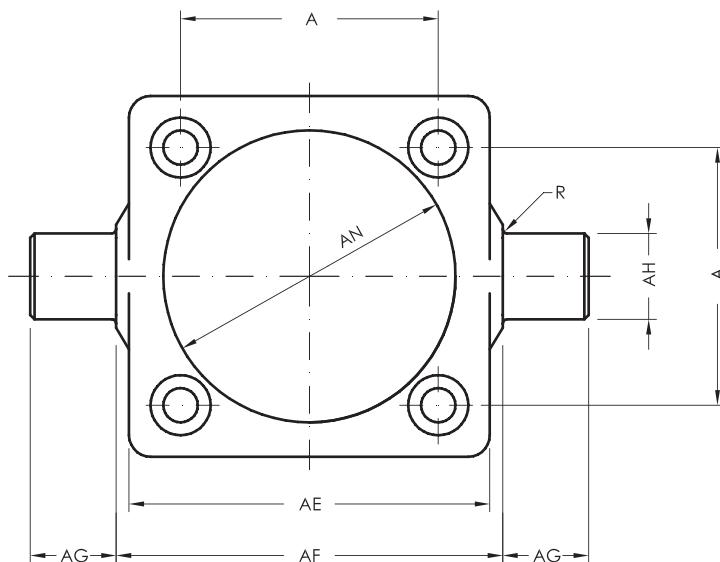


| Weight<br>peso (g) | D.cil. | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>H 11 | A<br>±0.2 | B<br>+0.2<br>0 | F<br>H 13 | G<br>H 13 | L<br>+0.5<br>0 | R<br>0<br>-0.3 |
|--------------------|--------|-----------|-----------|-----------|------------|------------|------------|-----------|----------------|-----------|-----------|----------------|----------------|
| 137                | 32     | 46        | 14        | 12        | 12         | 50         | 30         | 32.5      | 6.5            | 6.5       | -         | 6              | 1              |
| 385                | 40     | 59        | 19        | 16        | 16         | 63         | 35         | 38        | 9              | 6.5       | 10.5      | 6              | 1.6            |
| 513                | 50     | 69        | 19        | 16        | 16         | 75         | 40         | 46.5      | 9              | 8.5       | 13.5      | 8              | 1.6            |
| 1041               | 63     | 84        | 24        | 20        | 20         | 90         | 45         | 56.5      | 11.5           | 8.5       | 13.5      | 8              | 1.6            |
| 1567               | 80     | 102       | 24        | 20        | 20         | 110        | 45         | 72        | 11.5           | 10.5      | 16.5      | 10             | 1.6            |
| 3000               | 100    | 125       | 29        | 25        | 25         | 132        | 55         | 89        | 14             | 10.5      | 16.5      | 10             | 2              |

Treatment: white zinc coating  
Trattamento: zincatura bianca

INTERMEDIATE SPOT  
FACED HINGE  
CERNIERA INTERMEDIA  
LAMATA

CODE ORDERING | Codice ordinazione

**0076** / diam.A<sub>2</sub>

| Weight<br>peso (g) | D.cil.<br>±0.2 | A<br>±0.2 | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>+0.2<br>0 | R<br>max | F<br>H 13 | G<br>H 13 | L<br>+0.5<br>0 |
|--------------------|----------------|-----------|-----------|-----------|-----------|------------|------------|-----------------|----------|-----------|-----------|----------------|
| 2400               | 125            | 110       | 155       | 32        | 25        | 25         | 160        | 133             | 2        | 13.5      | 20        | 12             |
| 4150               | 160            | 140       | 190       | 40        | 32        | 32         | 200        | 170             | 2.5      | 17        | 25        | 16             |
| 7350               | 200            | 175       | 240       | 40        | 32        | 32         | 250        | 211             | 2.5      | 17        | 25        | 16             |

Treatment: white zinc coating  
Trattamento: zincatura biancaMateriale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO

**ISO 15552**  
STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE

A3



**COD. IN17 | PAG. 50**  
**FEMALE HINGE MP2**  
CERNIERA FEMMINA MP2



**COD. IN19 | PAG. 51**  
**MALE HINGE MP4**  
CERNIERA MASCHIO MP4



**COD. IN05 | PAG. 52**  
**SQUARE JOINT CETOP RP107P**  
ARTICOLAZIONE A SQUADRA CETOP RP107P



**COD. IN07 | PAG. 53**  
**PIN FOR FEMALE HINGE MP2**  
PERNO PER CERNIERA FEMMINA MP2



**COD. IN08BIS | PAG. 54**  
**FLANGE VDMA MF1/MF2**  
FLANGIA VDMA MF1/MF2



**COD. IN06 | PAG. 55**  
**LOW-RISE PEDESTAL MS1**  
PIEDINO BASSO MS1



**COD. IN09 | PAG. 56**  
**INTERMEDIATE HINGE MT4**  
CERNIERA INTERMEDIA ROTONDA FILETTATA MT4



**COD. IN09REG | PAG. 57**  
**INTERMEDIATE HINGE ADJUSTABLE MT4**  
CERNIERA INTERMEDIA ROTONDA REGOLABILE MT4



**COD. IN12 | PAG. 58**  
**PIN ANTI-ROTATION FOR NARROW FEMALE HINGE**  
PERNO ANTIROTAZIONE PER CERNIERA FEMMINA STRETTA



**COD. IN13 | PAG. 59**  
**NARROW FEMALE HINGE FOR SQUARE JOINT WITH ARTICULATED HEAD DIN648K**  
CERNIERA FEMMINA STRETTA PER ARTICOLAZIONE CON TESTINA SNODATA DIN648K



**COD. IN18 | PAG. 60**  
**NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K**  
CERNIERA MASCHIO STRETTA CON TESTINA SNODATA DIN648K



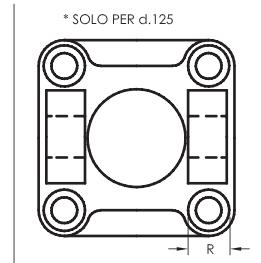
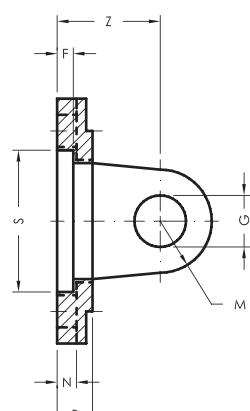
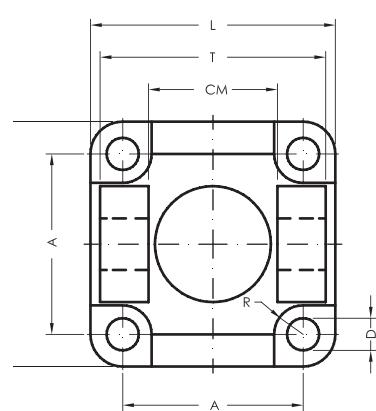
**COD. IN11 | PAG. 61**  
**SQUARE JOINT WITH ARTICULATED HEAD DIN648K**  
ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K

# FEMALE HINGE MP2

## CERNIERA FEMMINA MP2

**CODE ORDERING | Codice ordinazione**

**IN17 / diam.**



| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | R<br>H 13 | N<br>$\pm 0.5$ | B  | S<br>H 11 | F | Z<br>$\pm 0.2$ | G<br>H 9 | M<br>max | CM<br>H 14 | T<br>h 14 |
|--------------------|--------|----------------|-----|-----------|-----------|----------------|----|-----------|---|----------------|----------|----------|------------|-----------|
| 138                | 32     | 32.5           | 45  | 6.6       | 5.5       | 5.5            | 10 | 30        | 5 | 22             | 10       | 10       | 26         | 45        |
| 230                | 40     | 38             | 55  | 6.6       | 5.5       | 5.5            | 10 | 35        | 5 | 25             | 12       | 12       | 28         | 52        |
| 338                | 50     | 46.5           | 65  | 9         | 7.5       | 6.5            | 10 | 40        | 5 | 27             | 12       | 12       | 32         | 60        |
| 540                | 63     | 56.5           | 75  | 9         | 7.5       | 6.5            | 12 | 45        | 5 | 32             | 16       | 16       | 40         | 70        |
| 1000               | 80     | 72             | 95  | 11        | 9         | 10             | 14 | 45        | - | 36             | 16       | 16       | 50         | 90        |
| 1700               | 100    | 89             | 115 | 11        | 9         | 10             | 16 | 55        | - | 41             | 20       | 20       | 60         | 110       |
| 3350               | 125    | 110            | 140 | 13.5      | 20        | 10             | 20 | 60        | - | 50             | 25       | 25       | 70         | 130       |

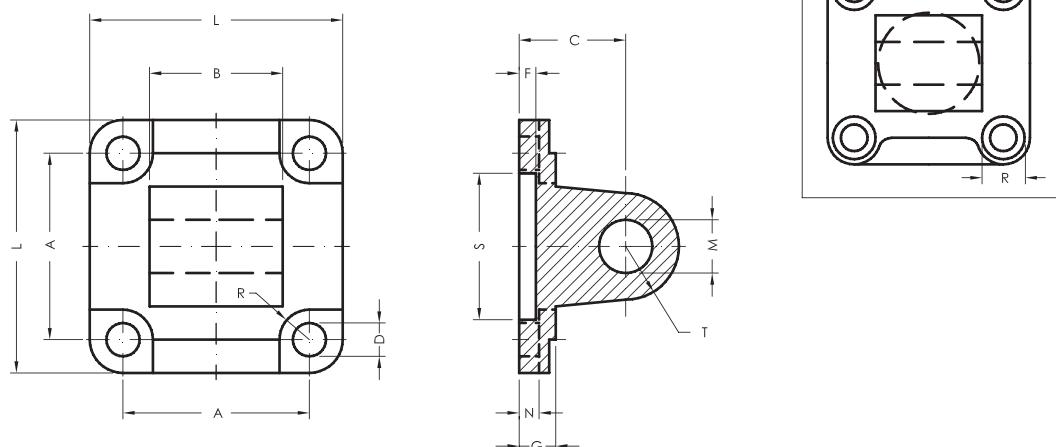


## MALE HINGE MP4 CERNIERA MASCHIO MP4

A<sub>3</sub>

CODE ORDERING | Codice ordinazione

**IN19 / diam.**



| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | R<br>H 13 | N<br>$\pm 0.5$ | G  | S<br>H 11 | F | C<br>$\pm 0.2$ | M<br>H 9 | T<br>max | B  |
|--------------------|--------|----------------|-----|-----------|-----------|----------------|----|-----------|---|----------------|----------|----------|----|
| 176                | 32     | 32.5           | 45  | 6.6       | 5.5       | 5.5            | 10 | 30        | 5 | 22             | 10       | 10       | 26 |
| 274                | 40     | 38             | 55  | 6.6       | 5.5       | 5.5            | 10 | 35        | 5 | 25             | 12       | 12       | 28 |
| 368                | 50     | 46.5           | 65  | 9         | 7.5       | 6.5            | 10 | 40        | 5 | 27             | 12       | 12       | 32 |
| 682                | 63     | 56.5           | 75  | 9         | 7.5       | 6.5            | 12 | 45        | 5 | 32             | 16       | 16       | 40 |
| 1196               | 80     | 72             | 95  | 11        | 9         | 10             | 14 | 45        | 5 | 36             | 16       | 16       | 50 |
| 2100               | 100    | 89             | 115 | 11        | 9         | 10             | 16 | 55        | 5 | 41             | 20       | 20       | 60 |
| 3740               | 125    | 110            | 140 | 13.5      | 20        | 10             | 20 | 60        | 7 | 50             | 25       | 25       | 70 |

-0.2  
-0.6

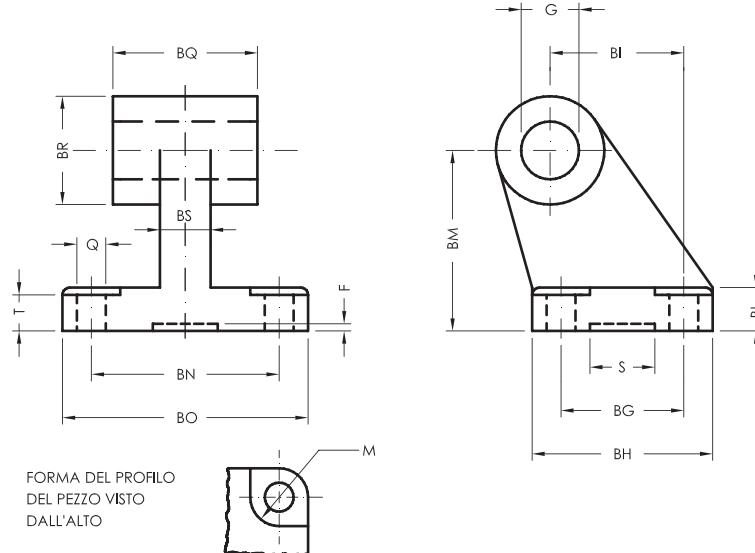
-0.5  
-1.2

# SQUARE JOINT CETOP RP107P

## ARTICOLAZIONE A SQUADRA CETOP RP107P

CODE ORDERING | Codice ordinazione

**IN05** / diam.



| Weight<br>peso (g) | D.cil.<br>H 13 | Q<br>H 13 | M<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 15 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | BS<br>max | BR<br>max | BQ<br>-0.2<br>-0.6                 | G<br>H 9 | T<br>+0.5<br>0 | S<br>+0.2<br>0 | F |
|--------------------|----------------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------|-----------|------------------------------------|----------|----------------|----------------|---|
| 158                | 32             | 6.6       | 11        | 18          | 31        | 21          | 8  | 32          | 38          | 51        | 10        | 20        | 26                                 | 10       | 6.5            | 20             | 3 |
| 238                | 40             | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 10        | 22        | 28                                 | 12       | 8.5            | 20             | 3 |
| 418                | 50             | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 14        | 26        | 32                                 | 12       | 10.5           | 20             | 3 |
| 526                | 63             | 9         | 15        | 35          | 50        | 37          | 12 | 50          | 52          | 67        | 14        | 30        | 40                                 | 16       | 10.5           | 20             | 3 |
| 1055               | 80             | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 18        | 30        | 50                                 | 16       | 11.5           | 20             | 3 |
| 1510               | 100            | 11        | 18        | 50          | 70        | 55          | 15 | 71          | 76          | 96        | 20        | 36        | 60                                 | 20       | 12.5           | 20             | 3 |
| 3150               | 125            | 14        | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 30        | 45        | 70 <sup>-0.5</sup> <sub>-1.2</sub> | 25       | 17             | 20             | 3 |

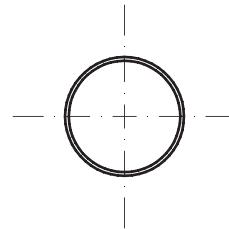
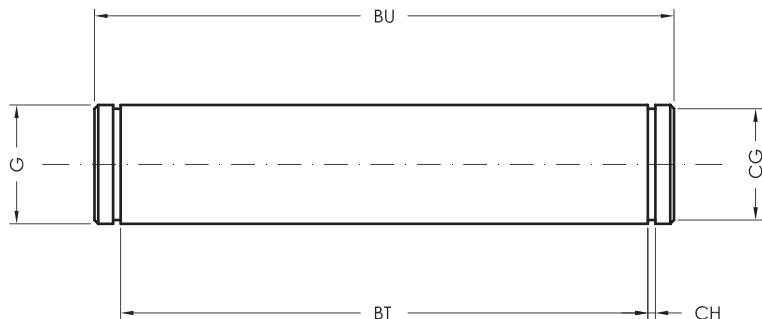


# PIN FOR FEMALE HINGE MP2

## PERNO PER CERNIERA FEMMINA MP2

A<sub>3</sub>

CODE ORDERING | Codice ordinazione

**IN07** / diam.

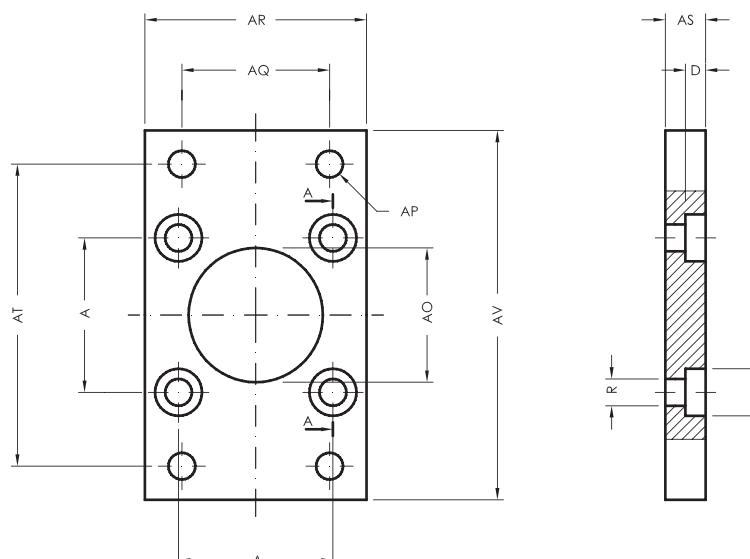
| Weight<br>peso (g) | D.cil.<br>Ø 8 | G<br>Ø 8 | BT<br>+0.3<br>0 | CG   | CH<br>H 13 | BU  |
|--------------------|---------------|----------|-----------------|------|------------|-----|
| 32                 | 32            | 10       | 46              | 9.6  | 1.1        | 53  |
| 52                 | 40            | 12       | 53              | 11.5 | 1.1        | 60  |
| 60                 | 50            | 12       | 61              | 11.5 | 1.1        | 68  |
| 122                | 63            | 16       | 71              | 15.2 | 1.1        | 78  |
| 152                | 80            | 16       | 91              | 15.2 | 1.1        | 98  |
| 290                | 100           | 20       | 111             | 19   | 1.3        | 118 |
| 530                | 125           | 25       | 132             | 23.9 | 1.3        | 139 |

# FLANGE VDMA MF1/MF2

## FLANGIA VDMA MF1/MF2

CODE ORDERING | Codice ordinazione

**IN08BIS** / diam.



| Weight<br>peso (g) | D.cil.<br>diam. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R<br>H 13 | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  | C<br>H 13 | D<br>$+0.5$<br>0 |
|--------------------|-----------------|----------------|------------|------------|-----------|-----------------|-----|-------------|-------------|-----|-----------|------------------|
| 192                | 32              | 32.5           | 7          | 30         | 6.6       | 10              | 45  | 32          | 64          | 80  | 10.5      | 5                |
| 250                | 40              | 38             | 9          | 35         | 6.6       | 10              | 52  | 36          | 72          | 90  | 11        | 5                |
| 482                | 50              | 46.5           | 9          | 40         | 9         | 12              | 65  | 45          | 90          | 110 | 15        | 5.5              |
| 626                | 63              | 56.5           | 9          | 45         | 9         | 12              | 75  | 50          | 100         | 120 | 15        | 5.5              |
| 1436               | 80              | 72             | 12         | 45         | 11        | 15              | 95  | 63          | 126         | 150 | 18        | 8                |
| 1994               | 100             | 89             | 14         | 55         | 11        | 15              | 115 | 75          | 150         | 170 | 18        | 8                |

For screws to DIN 6912 norm

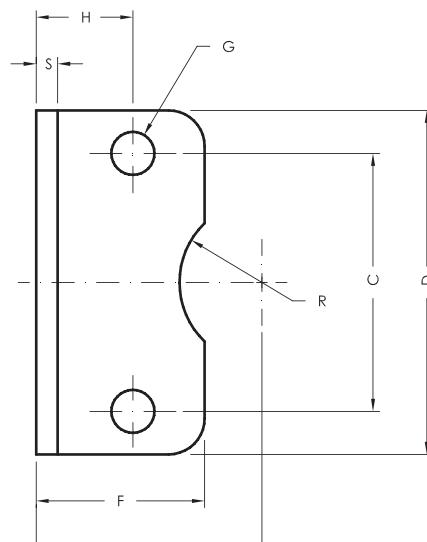
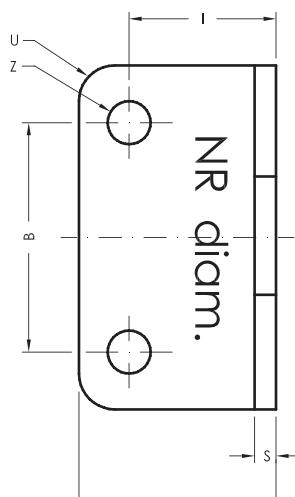
Per viti ribassate a norma DIN 6912

MATERIAL: STAINLESS STEEL AISI 316  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

LOW-RISE  
PEDESTAL MS1  
PIEDINO BASSO MS1

A3

CODE ORDERING | Codice ordinazione

**IN06 / diam.**

| Weight<br>peso (g) | D.cil.<br>C<br>±0.2 | B<br>JS 14 | D<br>0<br>-0.2 | E   | F<br>+2<br>0 | G<br>H 14 | H<br>±0.2 | I<br>±0.2 | S<br>±0.5 | T<br>JS 15 | R<br>H 15 | U    | Z<br>H 14 |
|--------------------|---------------------|------------|----------------|-----|--------------|-----------|-----------|-----------|-----------|------------|-----------|------|-----------|
| 60                 | 32                  | 32.5       | 32             | 45  | 35           | 30        | 7         | 15.75     | 24        | 4          | 32        | 15   | 3         |
| 72                 | 40                  | 38         | 36             | 52  | 36           | 30        | 7         | 17        | 28        | 4          | 36        | 17.5 | 3         |
| 160                | 50                  | 46.5       | 45             | 65  | 47           | 36        | 9         | 21.75     | 32        | 5          | 45        | 20   | 3         |
| 180                | 63                  | 56.5       | 50             | 75  | 45           | 35        | 9         | 21.75     | 32        | 5          | 50        | 22.5 | 4         |
| 370                | 80                  | 72         | 63             | 95  | 55           | 47        | 11        | 27        | 41        | 6          | 63        | 22.5 | 4         |
| 432                | 100                 | 89         | 75             | 115 | 57           | 53        | 11        | 26.5      | 41        | 6          | 71        | 27.5 | 4         |
|                    |                     |            |                |     |              |           |           |           |           |            |           |      | 14        |

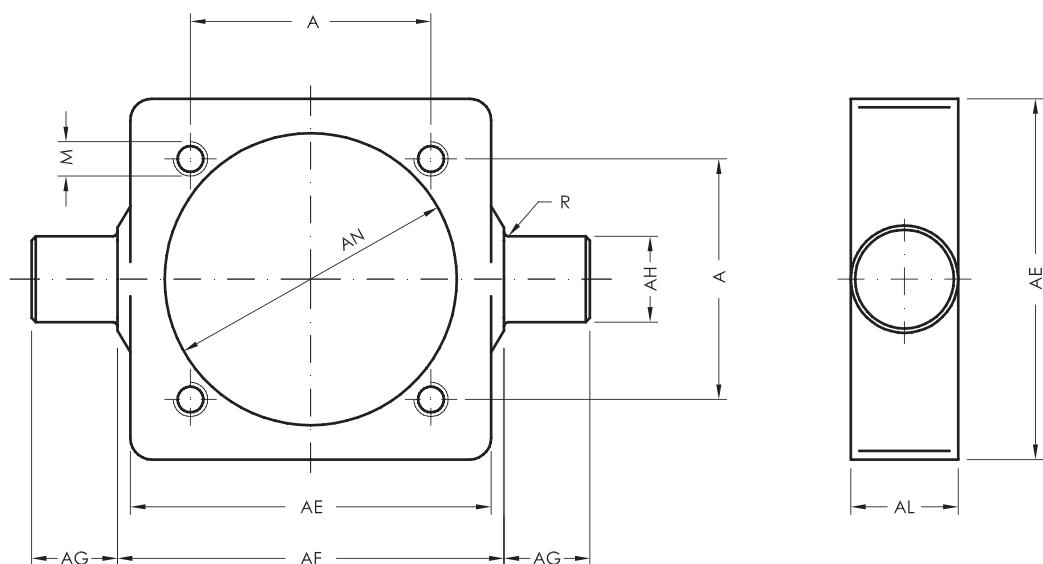
# INTERMEDIATE HINGE MT4

## CERNIERA INTERMEDIA ROTONDA FILETTATA MT4

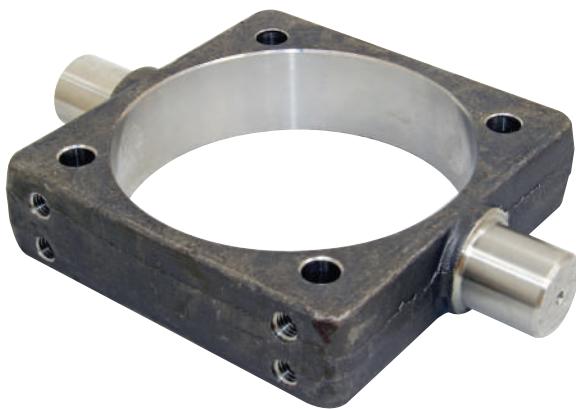


CODE ORDERING | Codice ordinazione

**IN09** / diam.



| Weight<br>peso (g) | D.cil.<br>mm | A<br>$\pm 0.2$ | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>$+0.2$<br>0 | R<br>max | M   |
|--------------------|--------------|----------------|-----------|-----------|-----------|------------|------------|-------------------|----------|-----|
| 128                | 32           | 32.5           | 46        | 15        | 12        | 12         | 50         | 37                | 1        | M6  |
| 308                | 40           | 38             | 59        | 20        | 16        | 16         | 63         | 46                | 1.5      | M6  |
| 370                | 50           | 46.5           | 69        | 20        | 16        | 16         | 75         | 56                | 1.6      | M8  |
| 690                | 63           | 56.5           | 84        | 25        | 20        | 20         | 90         | 69                | 1.6      | M8  |
| 894                | 80           | 72             | 102       | 25        | 20        | 20         | 110        | 87                | 1.6      | M10 |
| 1584               | 100          | 89             | 125       | 30        | 25        | 25         | 132        | 107               | 2        | M10 |



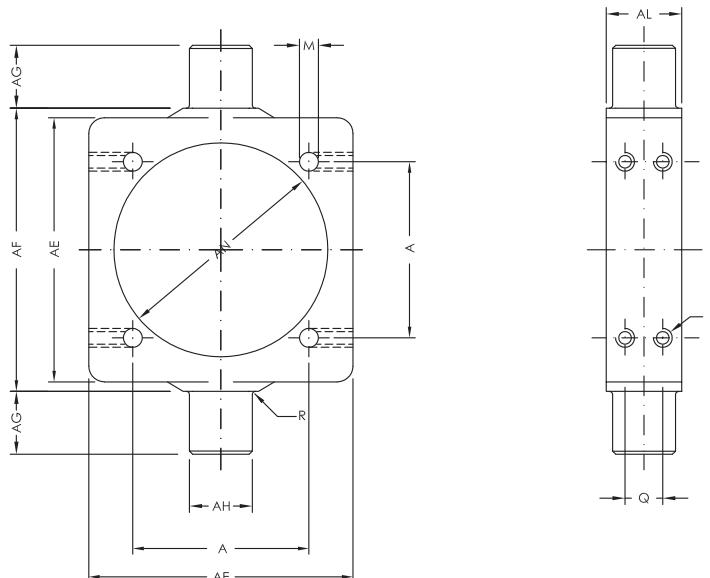
## INTERMEDIATE HINGE ADJUSTABLE MT4

CERNIERA INTERMEDIA  
ROTONDA REGOLABILE MT4

A<sub>3</sub>

**CODE ORDERING | Codice ordinazione**

**IN09REG / diam.**



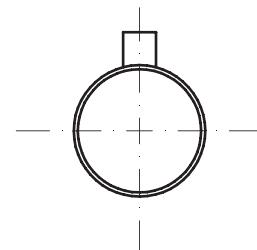
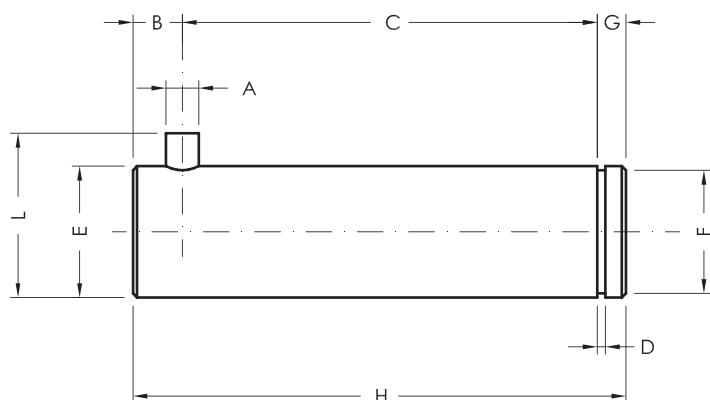
| Weight<br>peso (g) | D.cil.<br>mm | A<br>$\pm 0.2$ | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>+0.2<br>0 | R<br>max | M<br>+0.2<br>0 | Q<br>$\pm 0.2$ | Z  |
|--------------------|--------------|----------------|-----------|-----------|-----------|------------|------------|-----------------|----------|----------------|----------------|----|
| 110                | 32           | 32.5           | 46        | 15        | 12        | 12         | 50         | 37              | 1        | 6.25           | 7              | M5 |
| 290                | 40           | 38             | 59        | 20        | 16        | 16         | 63         | 46              | 1.5      | 6.25           | 8              | M5 |
| 330                | 50           | 46.5           | 69        | 20        | 16        | 16         | 75         | 56              | 1.6      | 8.25           | 8              | M6 |
| 650                | 63           | 56.5           | 84        | 25        | 20        | 20         | 90         | 69              | 1.6      | 8.25           | 12             | M6 |
| 830                | 80           | 72             | 102       | 25        | 20        | 20         | 110        | 87              | 1.6      | 10.25          | 12             | M8 |
| 1560               | 100          | 89             | 125       | 30        | 25        | 25         | 132        | 107             | 2        | 10.25          | 15             | M8 |

# PIN ANTI-ROTATION FOR NARROW FEMALE HINGE

## PERNO ANTIROTAZIONE PER CERNIERA FEMMINA STRETTA

CODE ORDERING | Codice ordinazione

**IN12** / diam.



| Weight<br>peso (g) | D.cil.<br>H 12 | A<br>+0.5<br>+0.3 | C<br>+0.5<br>+0.3 | D<br>H 13 | E<br>f 7 | F<br>h 11 | G | H   | L<br>0<br>-0.5 | B   |
|--------------------|----------------|-------------------|-------------------|-----------|----------|-----------|---|-----|----------------|-----|
| 26                 | 32             | 3                 | 32.5              | 1.1       | 10       | 9.6       | 4 | 41  | 14             | 4.5 |
| 42                 | 40             | 4                 | 38                | 1.1       | 12       | 11.5      | 4 | 48  | 16             | 6   |
| 84                 | 50             | 4                 | 43                | 1.1       | 16       | 15.2      | 5 | 54  | 20             | 6   |
| 94                 | 63             | 4                 | 49                | 1.1       | 16       | 15.2      | 5 | 60  | 20             | 6   |
| 184                | 80             | 4                 | 63                | 1.3       | 20       | 19        | 6 | 75  | 24             | 6   |
| 208                | 100            | 4                 | 73                | 1.3       | 20       | 19        | 6 | 85  | 24             | 6   |
| 606                | 125            | 6                 | 94                | 1.6       | 30       | 28.6      | 7 | 110 | 36             | 9   |

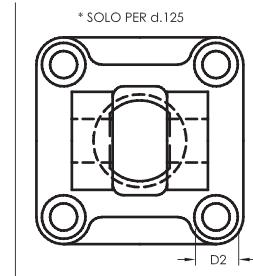
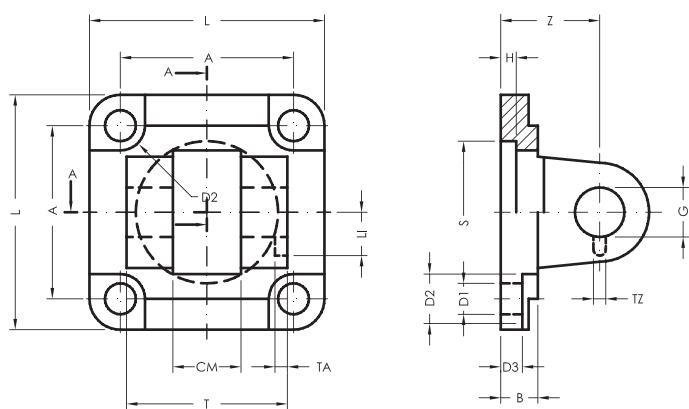


NARROW FEMALE HINGE  
FOR SQUARE JOINT WITH  
ARTICULATED HEAD DIN648K  
CERNIERA FEMMINA STRETTA  
PER ARTICOLAZIONE CON  
TESTINA SNODATA DIN648K

CODE ORDERING | Codice ordinazione

**IN13 / diam.**

A3



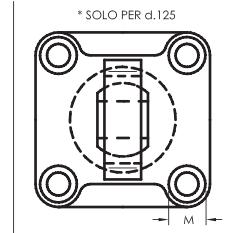
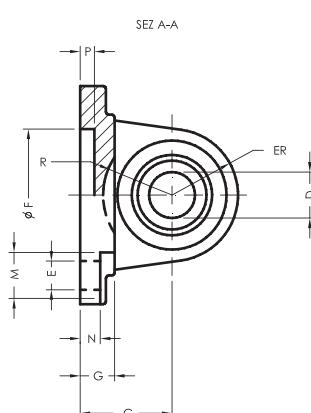
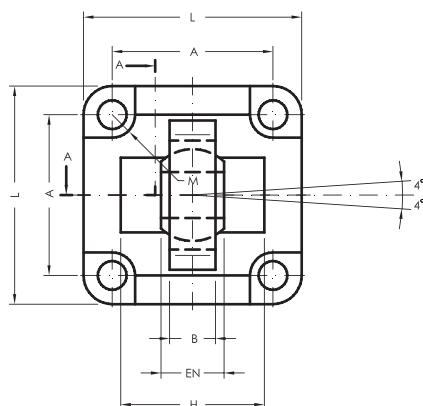
| Weight<br>peso (g) | D.cil. | L<br>±0.5<br>h 14 | T<br>h 14 | CM<br>H 14 | A<br>±0.2 | Z<br>±0.2 | H | B  | D3<br>±0.5 | S<br>H 12 | G<br>F 7 | D1<br>H 13 | D2<br>H 13 | TA<br>+0.2<br>0 | TZ<br>+0.2<br>0 | LI<br>+0.3<br>0 |
|--------------------|--------|-------------------|-----------|------------|-----------|-----------|---|----|------------|-----------|----------|------------|------------|-----------------|-----------------|-----------------|
| 140                | 32     | 45                | 34        | 14         | 32.5      | 22        | 5 | 10 | 5.5        | 30        | 10       | 6.6        | 5.5        | 3               | 3.3             | 11.5            |
| 230                | 40     | 55                | 40        | 16         | 38        | 25        | 5 | 10 | 5.5        | 35        | 12       | 6.6        | 5.5        | 4               | 4.3             | 12              |
| 336                | 50     | 65                | 45        | 21         | 46.5      | 27        | 5 | 10 | 6.5        | 40        | 16       | 9          | 7.5        | 4               | 4.3             | 14              |
| 546                | 63     | 75                | 51        | 21         | 56.5      | 32        | 5 | 12 | 6.5        | 45        | 16       | 9          | 7.5        | 4               | 4.3             | 14              |
| 1190               | 80     | 95                | 65        | 25         | 72        | 36        | 5 | 14 | 10         | 45        | 20       | 11         | 9          | 4               | 4.3             | 16              |
| 1840               | 100    | 115               | 75        | 25         | 89        | 41        | 5 | 16 | 10         | 55        | 20       | 11         | 9          | 4               | 6.3             | 16              |
| 3550               | 125    | 140               | 97        | 37         | 110       | 50        | 7 | 20 | 10         | 60        | 30       | 13.5       | 20         | 6               | 6.3             | 24              |

# NARROW MALE HINGE WITH ARTICULATED HEAD DIN648K

CERNIERA MASCHIO STRETTA  
CON TESTINA SNODATA  
DIN648K

CODE ORDERING | Codice ordinazione

**IN18** / diam.



| Weight<br>peso (g) | D.cil.<br>A<br>±0.2 | B<br>max<br>JS 15 | C<br>H 7 | D<br>EN<br>0<br>-0.1 | ER<br>max | F<br>H 11 | G<br>H 13 | E<br>H 13 | L  | M<br>H 13 | N   | P   | H<br>±0.5 | R<br>±0.5 |
|--------------------|---------------------|-------------------|----------|----------------------|-----------|-----------|-----------|-----------|----|-----------|-----|-----|-----------|-----------|
| 152                | 32                  | 32.5              | 10.5     | 22                   | 10        | 14        | 15        | 30        | 10 | 6.6       | 45  | 5.5 | 5.5       | -         |
| 256                | 40                  | 38                | 12       | 25                   | 12        | 16        | 18        | 35        | 10 | 6.6       | 55  | 5.5 | 5.5       | -         |
| 364                | 50                  | 46.5              | 15       | 27                   | 16        | 21        | 20        | 40        | 10 | 9         | 65  | 7.5 | 6.5       | 51        |
| 595                | 63                  | 56.5              | 15       | 32                   | 16        | 21        | 23        | 45        | 12 | 9         | 75  | 7.5 | 6.5       | -         |
| 1122               | 80                  | 72                | 18       | 36                   | 20        | 25        | 27        | 45        | 14 | 11        | 95  | 9   | 10        | 5         |
| 1786               | 100                 | 89                | 18       | 41                   | 20        | 25        | 30        | 55        | 16 | 11        | 115 | 9   | 10        | 5         |
| 3500               | 125                 | 110               | 25       | 50                   | 30        | 37        | 40        | 60        | 20 | 13.5      | 140 | 20  | 10        | 7         |



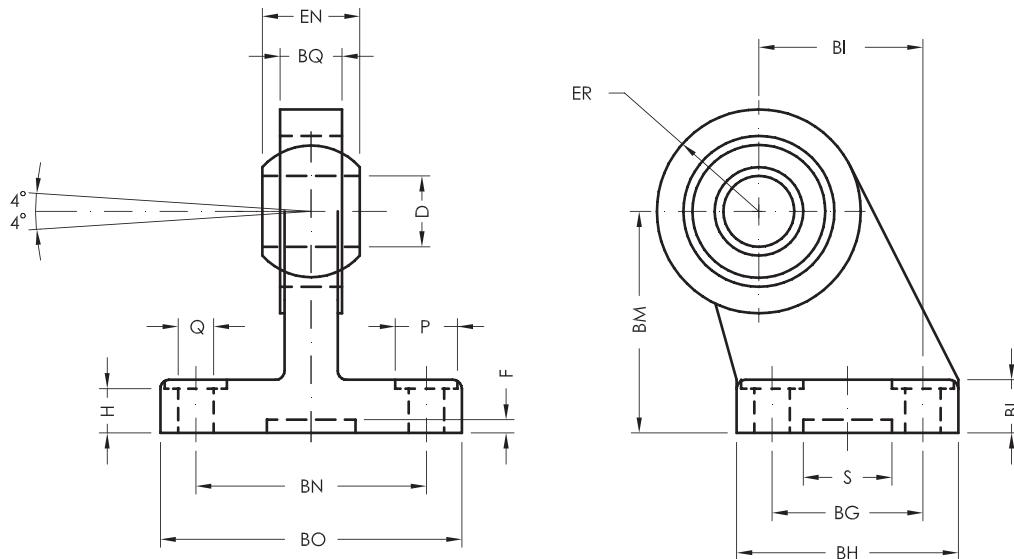
# SQUARE JOINT WITH ARTICULATED HEAD DIN648K

ARTICOLAZIONE A SQUADRA CON TESTINA SNODATA DIN648K

A3

CODE ORDERING | Codice ordinazione

**IN11** / diam.



| Weight<br>peso (g) | D.cil.<br>H 13 | Q<br>H 13 | P<br>H 13 | BG<br>JS 14 | BH<br>max | BI<br>JS 15 | BL | BM<br>JS 15 | BN<br>JS 14 | BO<br>max | EN<br>0<br>-0.1 | ER<br>max | BQ<br>max | D<br>H 7 | H<br>+0.5<br>0 | S<br>H 13 | F |
|--------------------|----------------|-----------|-----------|-------------|-----------|-------------|----|-------------|-------------|-----------|-----------------|-----------|-----------|----------|----------------|-----------|---|
| 178                | 32             | 6.6       | 11        | 18          | 31        | 21          | 10 | 32          | 38          | 51        | 14              | 15        | 10.5      | 10       | 8.5            | 20        | 3 |
| 268                | 40             | 6.6       | 11        | 22          | 35        | 24          | 10 | 36          | 41          | 54        | 16              | 18        | 12        | 12       | 8.5            | 20        | 3 |
| 458                | 50             | 9         | 15        | 30          | 45        | 33          | 12 | 45          | 50          | 65        | 21              | 20        | 15        | 16       | 10.5           | 20        | 3 |
| 550                | 63             | 9         | 15        | 35          | 50        | 37          | 12 | 50          | 52          | 67        | 21              | 23        | 15        | 16       | 10.5           | 20        | 3 |
| 970                | 80             | 11        | 18        | 40          | 60        | 47          | 14 | 63          | 66          | 86        | 25              | 27        | 18        | 20       | 11.5           | 20        | 3 |
| 1326               | 100            | 11        | 18        | 50          | 70        | 55          | 15 | 71          | 76          | 96        | 25              | 30        | 18        | 20       | 12.5           | 20        | 3 |
| 3000               | 125            | 13.5      | 20        | 60          | 90        | 70          | 20 | 90          | 94          | 124       | 37              | 40        | 25        | 30       | 17             | 20        | 3 |

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX

## ISO 6432 FOR MICROCYLINDERS PER MICROCILINDRI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

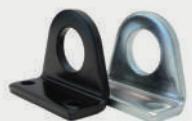
# INDEX | INDICE



**COD. 0016 | PAG. 64**  
**FEMALE HINGE WITH PIN**  
CERNIERA FEMMINA CON PERNO



**COD. 0016S | PAG. 65**  
**FRONT FEMALE HINGE**  
CERNIERA FEMMINA CON ASOLA



**COD. 0015 | PAG. 66**  
**PEDESTAL**  
PIEDINO



**COD. 0014 | PAG. 67**  
**FLANGE**  
FLANGIA



**COD. 0097 | PAG. 68**  
**INTERMEDIATE HINGE**  
CERNIERA INTERMEDIA ROTONDA

B 1

TREATMENT | TRATTAMENTO

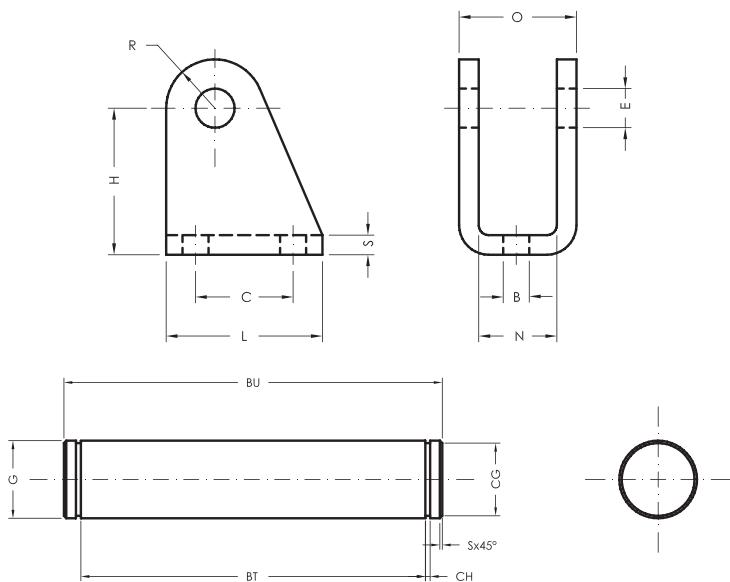
black cataphoresis | cataforesi nera  
zinc coating | zincatura  
nickel-plating | nichelatura

# FEMALE HINGE WITH PIN

## CERNIERA FEMMINA CON PERNO

**CODE ORDERING | Codice ordinazione**

**0016 / diam.**



| Weight<br>peso (g) | D.cil.<br>H 13 | B<br>F 8 | E<br>JS 13 | C<br>±0.2 | H<br>±0.2 | L  | N<br>E 9 | O  | R<br>max | S<br>±0.2 |
|--------------------|----------------|----------|------------|-----------|-----------|----|----------|----|----------|-----------|
| 17                 | 8-10           | 4.5      | 4          | 12.5      | 24        | 20 | 8.1      | 13 | 5        | 2.5       |
| 31                 | 12-16          | 5.5      | 6          | 15        | 27        | 25 | 12.1     | 18 | 7        | 3         |
| 67                 | 20-25          | 6.6      | 8          | 20        | 30        | 32 | 16.1     | 24 | 10       | 4         |

| Weight<br>peso (g) | D.cil. | G<br>f 7 | BT<br>+0.3<br>0 | CG<br>+0.1<br>0 | CH<br>+0.1<br>0 | BU<br>+0.5<br>0 | S   |
|--------------------|--------|----------|-----------------|-----------------|-----------------|-----------------|-----|
| 3                  | 8-10   | 4        | 14              | 3.7             | 0.5             | 17              | 0.2 |
| 5                  | 12-16  | 6        | 19              | 5.6             | 0.8             | 23              | 0.4 |
| 11                 | 20-25  | 8        | 25.2            | 7.5             | 0.9             | 29.5            | 0.5 |

Treatment: black cataphoresis or white zinc coating

Trattamento: cataforesi nera o zincatura bianca



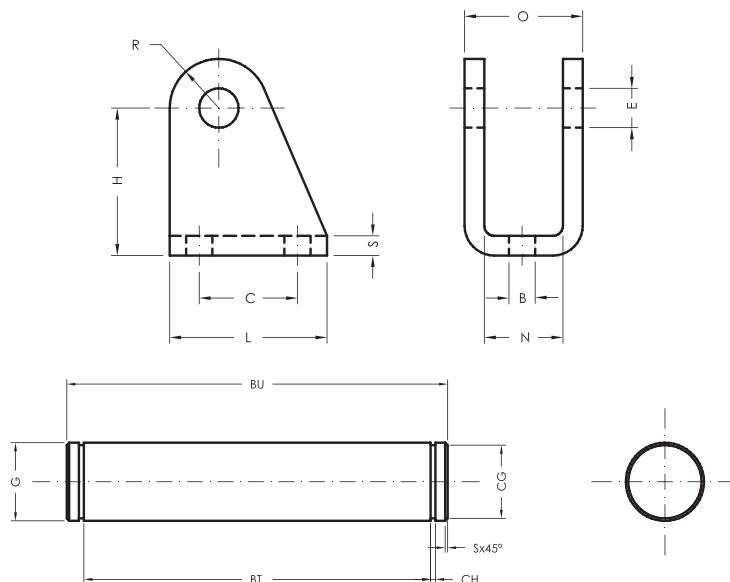
# FRONT FEMALE HINGE

## CERNIERA FEMMINA CON ASOLA

CODE ORDERING | Codice ordinazione

**0016S / diam.**

B 1

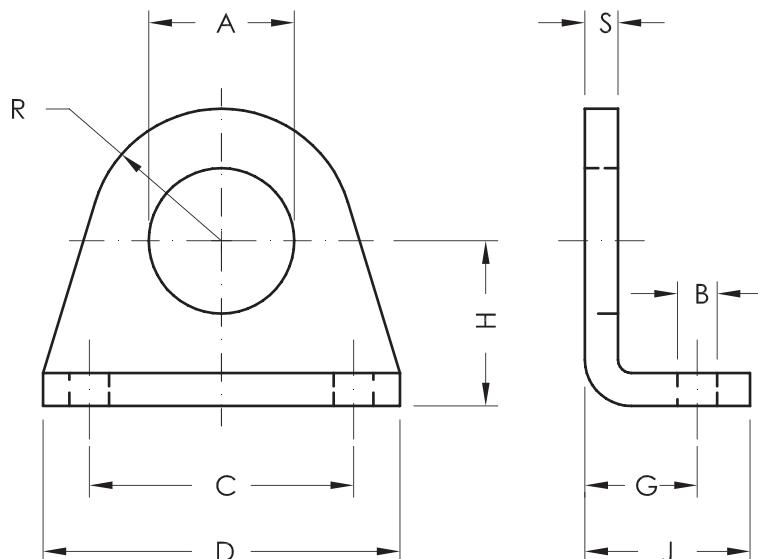


| Weight<br>peso (g) | D.cil.<br>H 13 | B<br>F 8 | E<br>JS 13 | C<br>±0.2 | H<br>±0.2 | L  | N<br>E 9 | O  | R<br>max | G   | S<br>±0.2 |
|--------------------|----------------|----------|------------|-----------|-----------|----|----------|----|----------|-----|-----------|
| 31                 | 12-16          | 5.5      | 6          | 15        | 27        | 25 | 12.1     | 18 | 7        | 5,5 | 3         |
| 67                 | 20-25          | 6.6      | 8          | 20        | 30        | 32 | 16.1     | 24 | 10       | 6,6 | 4         |

## PEDESTAL PIEDINO

CODE ORDERING | Codice ordinazione

**0015** / diam.



| Weight<br>peso (g) | D.cil.<br>diam. | A<br>+0.2<br>-0.1 | B<br>H 13 | C<br>JS 13 | D  | G<br>+0.3<br>0 | H<br>±0.2 | J  | R<br>max | S<br>±0.2 |
|--------------------|-----------------|-------------------|-----------|------------|----|----------------|-----------|----|----------|-----------|
| 20                 | 8-10            | 12                | 4.5       | 25         | 35 | 11             | 16        | 16 | 10       | 3         |
| 40                 | 12-16           | 16                | 5.5       | 32         | 42 | 14             | 20        | 20 | 12.5     | 4         |
| 90                 | 20-25           | 22                | 6.6       | 40         | 54 | 17             | 25        | 25 | 20       | 5         |

## FLANGE

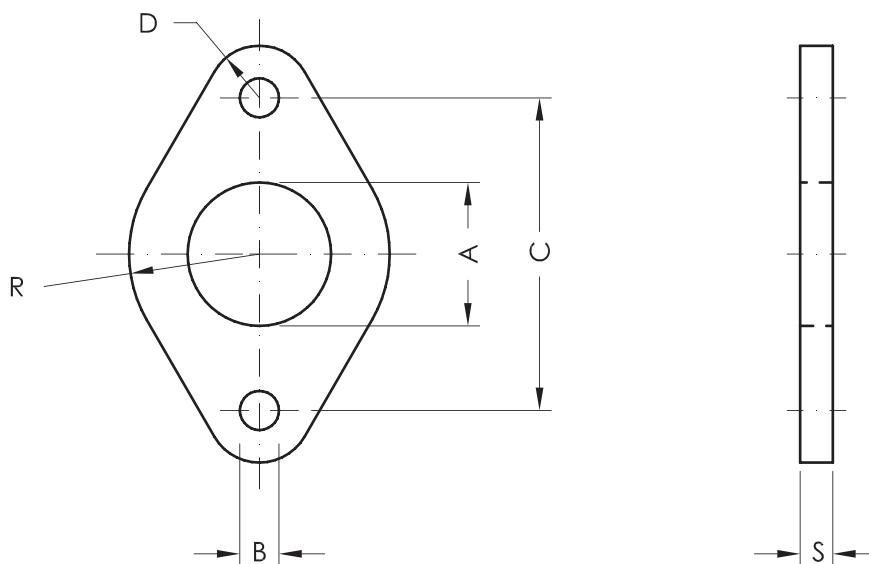
## FLANGIA



CODE ORDERING | Codice ordinazione

**0014** / diam.

B1



| Weight<br>peso (g) | D.cil.<br>diam. | A<br>+0.3<br>+0.1 | B<br>H 13 | C<br>JS 13 | R<br>±0.2 | D<br>±0.2 | S<br>±0.2 |
|--------------------|-----------------|-------------------|-----------|------------|-----------|-----------|-----------|
| 12                 | 8-10            | 12                | 4.5       | 30         | 11        | 5         | 3         |
| 26                 | 12-16           | 16                | 5.5       | 40         | 15        | 6         | 4         |
| 50                 | 20-25           | 22                | 6.6       | 50         | 20        | 8         | 5         |

Treatment:  
black cataphoresis or white zinc coating

Trattamento:  
cataforesi nera o zincatura bianca

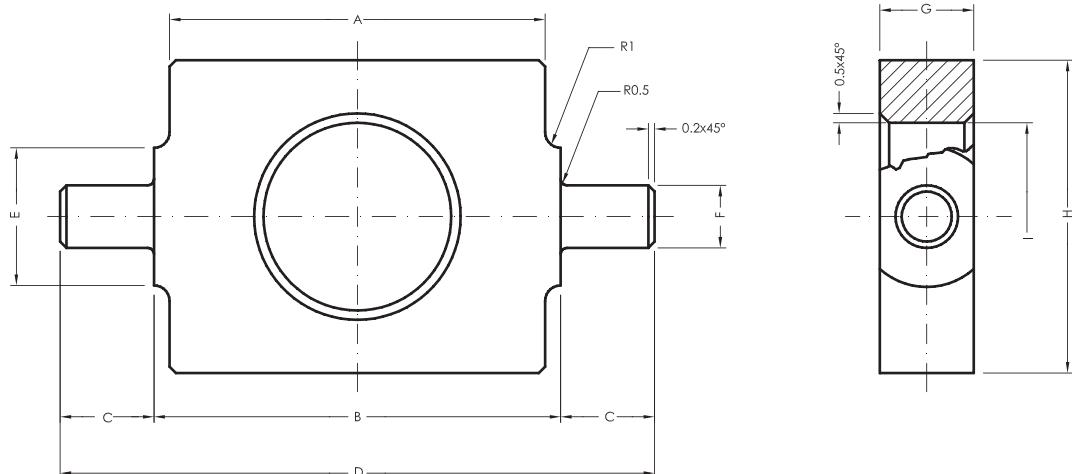
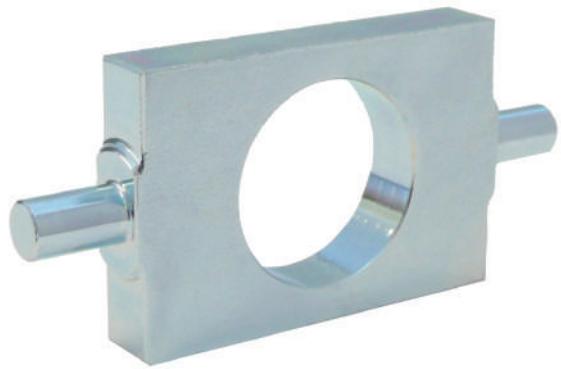
Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# INTERMEDIATE HINGE

## CERNIERA INTERMEDIA ROTONDA

**CODE ORDERING | Codice ordinazione**

**0097 / diam.**



| Weight<br>peso (g) | D.cil. | A  | B<br>0<br>-0.2 | C  | D  | E  | F<br>e 9 | G | H  | I<br>+0.15<br>+0.05 |
|--------------------|--------|----|----------------|----|----|----|----------|---|----|---------------------|
| 18                 | 8-10   | 24 | 26             | 6  | 38 | 9  | 4        | 6 | 20 | 12                  |
| 35                 | 12-16  | 36 | 38             | 10 | 58 | 13 | 6        | 8 | 25 | 16                  |
| 45                 | 20-25  | 44 | 46             | 10 | 66 | 13 | 6        | 8 | 30 | 22                  |

Treatment:  
white zinc coating

Trattamento:  
zincatura bianca

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS



## NOTE

B 1

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO

**ISO 6432**  
FOR MICROCYLINDERS  
PER MICROCILINDRI  
**STAINLESS STEEL | INOX**



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. IN16 | PAG. 72**  
**FEMALE HINGE WITH PIN**  
CERNIERA FEMMINA CON PERNO



**COD. IN16S | PAG. 73**  
**FRONT FEMALE HINGE**  
CERNIERA FEMMINA CON ASOLA



**COD. IN14 | PAG. 74**  
**FLANGE**  
FLANGIA



**COD. IN15 | PAG. 75**  
**PEDESTAL**  
PIEDINO

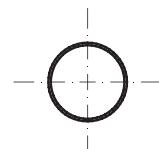
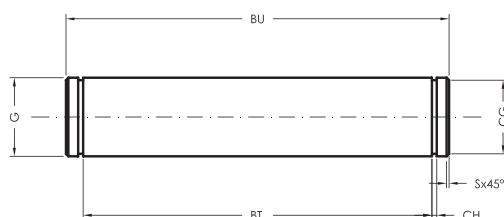
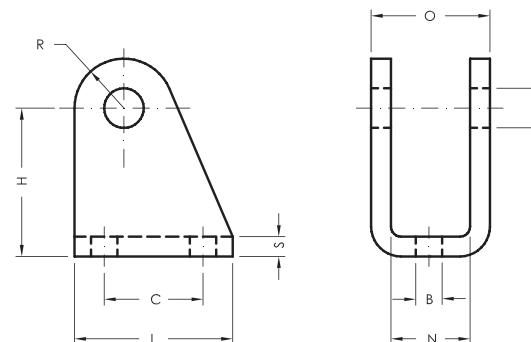
B<sub>2</sub>

# FEMALE HINGE WITH PIN

## CERNIERA FEMMINA CON PERNO

**CODE ORDERING | Codice ordinazione**

**IN16 / diam.**



| Weight<br>peso (g) | D.cil.<br>H 13 | B<br>F 8 | E<br>JS 13 | C<br>±0.2 | H<br>±0.2 | L  | N<br>E 9 | O  | R<br>max | S<br>±0.2 |
|--------------------|----------------|----------|------------|-----------|-----------|----|----------|----|----------|-----------|
| 17                 | 8-10           | 4.5      | 4          | 12.5      | 24        | 20 | 8.1      | 13 | 5        | 2.5       |
| 31                 | 12-16          | 5.5      | 6          | 15        | 27        | 25 | 12.1     | 18 | 7        | 3         |
| 67                 | 20-25          | 6.6      | 8          | 20        | 30        | 32 | 16.1     | 24 | 10       | 4         |

| Weight<br>peso (g) | D.cil. | G<br>f 7 | BT<br>+0.3<br>0 | CG<br>+0.1<br>0 | CH<br>+0.1<br>0 | BU<br>+0.5<br>0 | S   |
|--------------------|--------|----------|-----------------|-----------------|-----------------|-----------------|-----|
| 3                  | 8-10   | 4        | 14              | 3.7             | 0.5             | 17              | 0.2 |
| 5                  | 12-16  | 6        | 19              | 5.6             | 0.8             | 23              | 0.4 |
| 11                 | 20-25  | 8        | 25.2            | 7.5             | 0.9             | 29.5            | 0.5 |

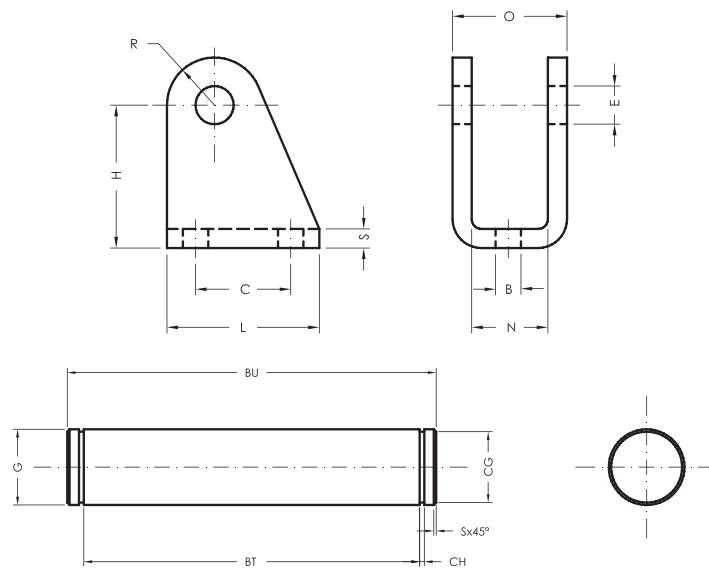


## FRONT FEMALE HINGE

### CERNIERA FEMMINA CON ASOLA

**CODE ORDERING | Codice ordinazione**

**IN16S / diam.**



B<sub>2</sub>

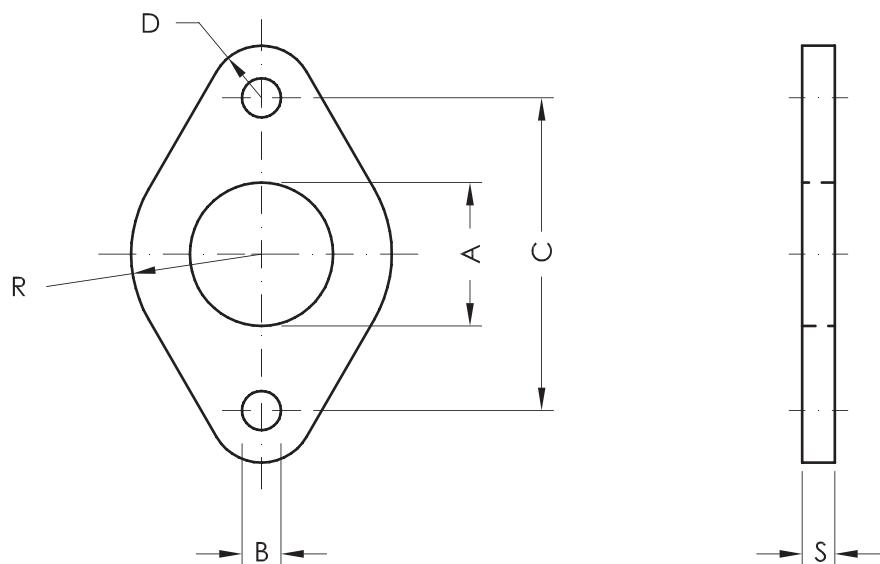
| Weight<br>peso (g) | D.cil.<br>H 13 | B<br>F 8 | E<br>JS 13 | C<br>±0.2 | H<br>±0.2 | L  | N<br>E 9 | O  | R<br>max | G   | S<br>±0.2 |
|--------------------|----------------|----------|------------|-----------|-----------|----|----------|----|----------|-----|-----------|
| 31                 | 12-16          | 5.5      | 6          | 15        | 27        | 25 | 12.1     | 18 | 7        | 5,5 | 3         |
| 67                 | 20-25          | 6.6      | 8          | 20        | 30        | 32 | 16.1     | 24 | 10       | 6,6 | 4         |

## FLANGE FLANGIA



CODE ORDERING | Codice ordinazione

**IN14** / diam.



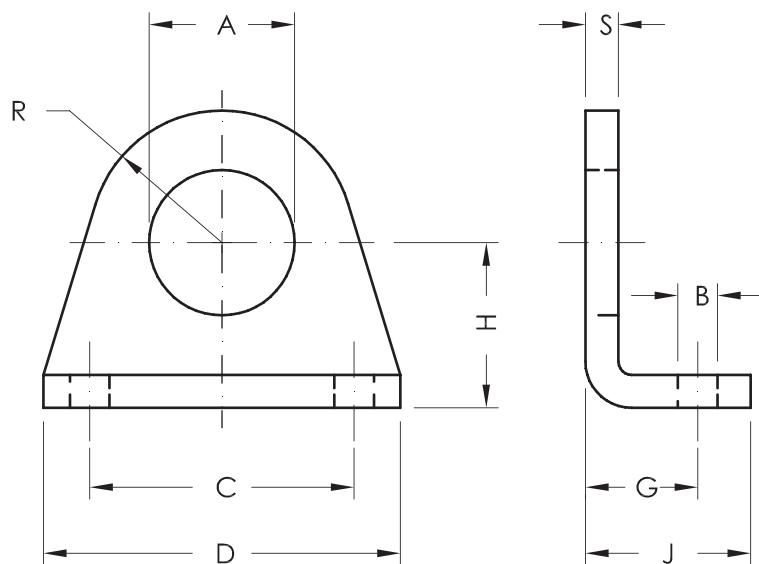
| Weight<br>peso (g) | D.cil.<br>Ø mm | A<br>+0.3<br>+0.1 | B<br>H 13 | C<br>JS 13 | R<br>±0.2 | D<br>±0.2 | S<br>±0.2 |
|--------------------|----------------|-------------------|-----------|------------|-----------|-----------|-----------|
| 12                 | 8-10           | 12                | 4.5       | 30         | 11        | 5         | 3         |
| 26                 | 12-16          | 16                | 5.5       | 40         | 15        | 6         | 4         |
| 50                 | 20-25          | 22                | 6.6       | 50         | 20        | 8         | 5         |



## PEDESTAL PIEDINO

**CODE ORDERING | Codice ordinazione**

**IN15 / diam.**



B<sub>2</sub>

| Weight<br>peso (g) | D.cil.<br>Diameter | A<br><sup>+0.2</sup><br><sub>+0.1</sub> | B<br>H 13 | C<br>JS 13 | D  | G<br><sup>+0.3</sup><br><sub>0</sub> | H<br><sup>±0.2</sup> | J  | R<br><sub>max</sub> | S<br><sup>±0.2</sup> |
|--------------------|--------------------|---|-----------|------------|----|--------------------------------------|----------------------|----|---------------------|----------------------|
| 20                 | 8-10               | 12                                      | 4.5       | 25         | 35 | 11                                   | 16                   | 16 | 10                  | 3                    |
| 40                 | 12-16              | 16                                      | 5.5       | 32         | 42 | 14                                   | 20                   | 20 | 12.5                | 4                    |
| 90                 | 20-25              | 22                                      | 6.6       | 40         | 54 | 17                                   | 25                   | 25 | 20                  | 5                    |
| 126                | 32*                | 30.1                                    | 6.6       | 48         | 65 | 15                                   | 32                   | 29 | 24                  | 5                    |

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATI STEEL | ACCIAIO

**FOR COMPACT CYLINDERS**  
PER CILINDRI A CORSA BREVE COMPATI  
**ALUMINIUM | ALLUMINIO**



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0077-0061** | PAG. 78

**MALE HINGE**

CERNIERA MASCHIO



**COD. 0077-0061** | PAG. 79

**FEMALE HINGE**

CERNIERA FEMMINA



**COD. 0070** | PAG. 80

**FLANGE**

FLANGIA



**COD. 0070** | PAG. 81

**FLANGE**

FLANGIA

C1

TREATMENT | TRATTAMENTO

**black cataphoresis** | cataforesi nera

**zinc coating** | zincatura

**nickel-plating** | nichelatura

**FOR COMPACT CYLINDERS**  
PER CILINDRI A CORSA BREVE COMPATTI



## MALE HINGE CERNIERA MASCHIO

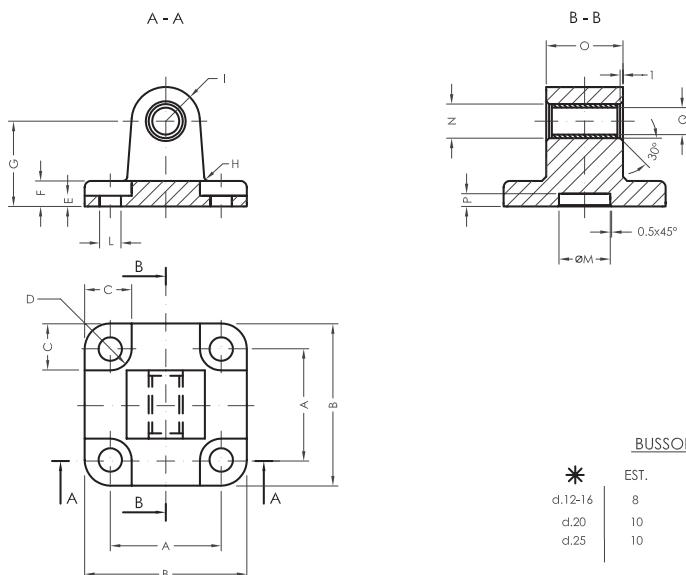
**CODE ORDERING | Codice ordinazione**

with bushes | con bussola

**0077 / diam.**

without bushes | senza bussola

**0061 / diam.**



BUSSOLE DA USARE

| *       | EST. | INT. | LUNG. | N° x PZ |
|---------|------|------|-------|---------|
| d.12-16 | 8    | 6    | 10    | 1       |
| d.20    | 10   | 8    | 12    | 1       |
| d.25    | 10   | 8    | 12    | 1       |

| Weight<br>peso (g) | D.cil.<br>12-16 | A<br>±0.2 | B<br>±0.5 | C    | D    | E<br>±0.5 | F<br>0<br>-0.4 | G<br>±0.2 | H | I | L<br>H 13 | M<br>H 11 | N<br>H 7 | O<br>h 14 | P<br>+0.3<br>0 | Q |
|--------------------|-----------------|-----------|-----------|------|------|-----------|----------------|-----------|---|---|-----------|-----------|----------|-----------|----------------|---|
| 17                 | 12-16           | 18        | 27        | 8,25 | 3,75 | 2,6       | 6              | 16        | 2 | 6 | 4,5       | 10        | 8        | 12        | 3              | 6 |
| 21                 | 20              | 22        | 34        | 11   | 5    | 2,6       | 6              | 20        | 2 | 8 | 5,5       | 12        | 10       | 16        | 3              | 8 |
| 27                 | 25              | 26        | 38        | 11   | 5    | 2,6       | 6              | 20        | 2 | 8 | 5,5       | 12        | 10       | 16        | 3              | 8 |

Available with or without bushes  
Note: the bushes are in sinterized steel with teflon

Disponibile nella versione con o senza bussola  
Nota: le bussole sono in acciaio sinterizzato teflonato all'interno



## FEMALE HINGE CERNIERA FEMMINA

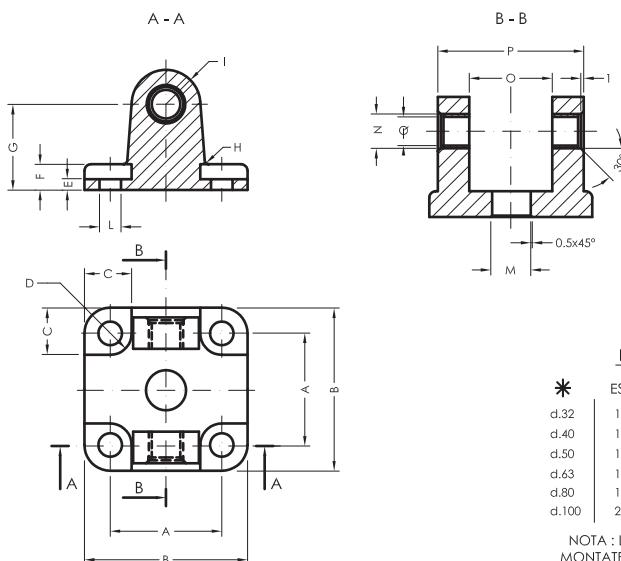
**CODE ORDERING | Codice ordinazione**

**with bushes | con bussole**

**0077 / diam.**

**without bushes | senza bussole**

**0061 / diam.**



**BUSSOLE DA USARE**

| *     | EST. | INT. | LUNG. | N° x PZ |
|-------|------|------|-------|---------|
| d.32  | 12   | 10   | 8     | 2       |
| d.40  | 14   | 12   | 10    | 2       |
| d.50  | 14   | 12   | 12    | 2       |
| d.63  | 18   | 16   | 12    | 2       |
| d.80  | 18   | 16   | 15    | 2       |
| d.100 | 23   | 20   | 20    | 2       |

NOTA : LE BUSSOLE DEVONO ESSERE  
MONTATE A FILO DELL'INTERNO SPALLA

| Weight<br>peso (g) | D.cil.<br>±0.2 | A<br>±0.5 | B<br>±0.5 | C    | D<br>±0.2 | E<br>±0.5 | F<br>0<br>-0.4 | G<br>±0.2 | H   | I    | L<br>H 13 | M<br>H 11 | N<br>H 7 | O<br>H 14 | P<br>h 14 | Q  |
|--------------------|----------------|-----------|-----------|------|-----------|-----------|----------------|-----------|-----|------|-----------|-----------|----------|-----------|-----------|----|
| 60                 | 32             | 32        | 48        | 13.5 | 5.5       | 5.5       | 9              | 22        | 2.5 | 10   | 6.6       | 14        | 12       | 26        | 45        | 10 |
| 104                | 40             | 42        | 58        | 13.5 | 5.5       | 5.5       | 9              | 25        | 2.5 | 12.5 | 6.6       | 14        | 14       | 28        | 52        | 12 |
| 142                | 50             | 50        | 66        | 15.5 | 7.5       | 6.5       | 11             | 27        | 2.5 | 12.5 | 9         | 18        | 14       | 32        | 60        | 12 |
| 240                | 63             | 62        | 83        | 18   | 7.5       | 6.5       | 11             | 32        | 4   | 15   | 9         | 18        | 18       | 40        | 70        | 16 |
| 420                | 80             | 82        | 102       | 19   | 9         | 10        | 13             | 36        | 4   | 15   | 11        | 23        | 18       | 50        | 90        | 16 |
| 721                | 100            | 103       | 123       | 19   | 9         | 10        | 15             | 41        | 4   | 20   | 11        | 28        | 23       | 60        | 110       | 20 |

Available with or without bushes

Note: the bushes are in sinterized steel with teflon

Disponibile nella versione con o senza bussola  
Nota: le bussole sono in acciaio sinterizzato  
teflonato all'interno

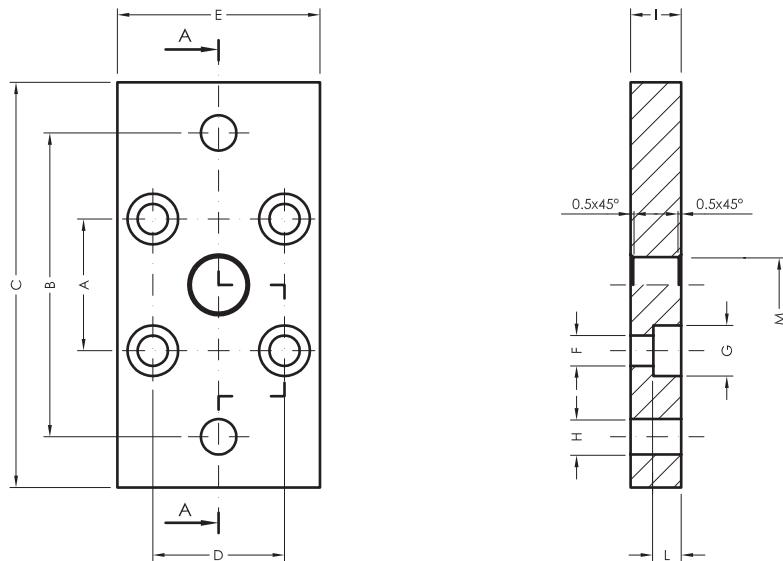
**FOR COMPACT CYLINDERS**  
PER CILINDRI A CORSA BREVE COMPATTI



## FLANGE FLANGIA

**CODE ORDERING | Codice ordinazione**

**0070 / diam.**



| Weight<br>peso (g) | D.cil. | A<br>±0.2 | B<br>±0.2 | C<br>±0.2 | D<br>±0.2 | E<br>±0.2 | F<br>H 13 | G<br>H 13 | H<br>H 13 | I<br>±0.2 | L<br>±0.2 | M<br>H 11 |
|--------------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 34                 | 12-16  | 18        | 43        | 55        | 18        | 29        | 4.5       | 9         | 5.5       | 10        | 5.4       | 10        |
| 55                 | 20     | 22        | 55        | 70        | 22        | 36        | 5.5       | 10        | 6.6       | 10        | 5.4       | 12        |
| 68                 | 25     | 26        | 60        | 76        | 26        | 40        | 5.5       | 10        | 6.6       | 10        | 5.4       | 12        |

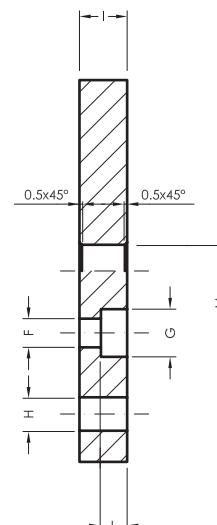
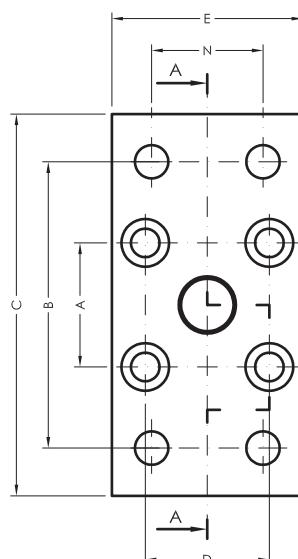
# FLANGE

## FLANGIA



**CODE ORDERING | Codice ordinazione**

**0070 / diam.**



| Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>$\pm 0.2$ | B<br>$\pm 0.2$ | C<br>$\pm 0.2$ | D<br>$\pm 0.2$ | E<br>$\pm 0.2$ | F<br>H 13 | G<br>H 13 | H<br>H 13 | I<br>$\pm 0.2$ | L<br>$\pm 0.2$ | M<br>H 11 | N<br>$\pm 0.2$ |
|--------------------|---------------------|----------------|----------------|----------------|----------------|----------------|-----------|-----------|-----------|----------------|----------------|-----------|----------------|
| 88                 | 32                  | 32             | 65             | 80             | 32             | 50             | 6.6       | 11        | 7         | 10             | 6.4            | 14        | 32             |
| 143                | 40                  | 42             | 82             | 102            | 42             | 60             | 6.6       | 11        | 9         | 10             | 6.4            | 14        | 36             |
| 204                | 50                  | 50             | 90             | 110            | 50             | 68             | 9         | 15        | 9         | 12             | 8.6            | 18        | 45             |
| 411                | 63                  | 62             | 110            | 130            | 62             | 87             | 9         | 15        | 9         | 15             | 8.6            | 18        | 50             |
| 616                | 80                  | 82             | 135            | 160            | 82             | 107            | 11        | 18        | 12        | 15             | 10.6           | 23        | 63             |
| 890                | 100                 | 103            | 163            | 190            | 103            | 128            | 11        | 18        | 14        | 15             | 10.6           | 28        | 75             |

C1

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX

## FOR COMPACT CYLINDERS

PER CILINDRI A CORSA BREVE COMPATTI  
STEEL | ACCIAIO



NFPA ALUMINIUM | ALLUMINIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0073-0072** | PAG. 84

**MALE HINGE**

CERNIERA MASCHIO



**COD. 0073-0072** | PAG. 85

**FEMALE HINGE**

CERNIERA FEMMINA



**COD. 0060** | PAG. 86

**FLANGE**

FLANGIA



**COD. 0060** | PAG. 87

**FLANGE**

FLANGIA



**COD. 0059** | PAG. 88

**LOW-RISE PEDESTAL**

PIEDINO BASSO



**COD. 0059** | PAG. 89

**LOW-RISE PEDESTAL**

PIEDINO BASSO



**COD. 0075** | PAG. 90

**INTERMEDIATE SPOT FACED HINGE**

CERNIERA INTERMEDIA LAMATA



**COD. 0032** | PAG. 91

**INTERMEDIATE HINGE FOR CLEAN PROFILE TYPE EURAL**

CERNIERA INTERMEDIA PER PROFILO PULITO TIPO EURAL

C<sub>2</sub>

TREATMENT | TRATTAMENTO

black cataphoresis | cataforesi nera

zinc coating | zincatura

nickel-plating | nichelatura

## MALE HINGE CERNIERA MASCHIO

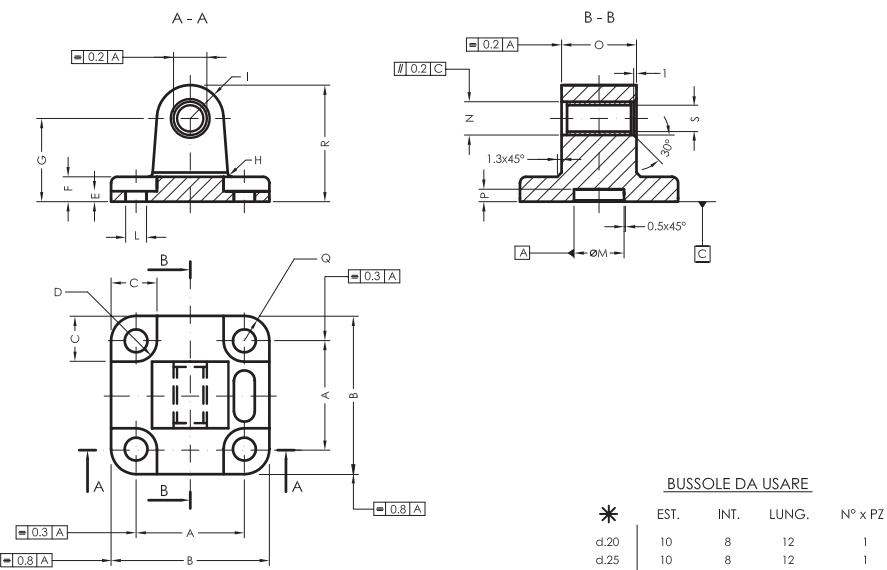
**CODE ORDERING** | Codice ordinazione

with bushes | con bussola

**0073** / diam.

without bushes | senza bussola

**0072** / diam.



| Weight<br>peso (g) | D.cil. | A<br>±0.2 | B<br>±1 | C  | D | E<br>±0.5 | F<br>0<br>-0.4 | G<br>±0.15 | H | I | L<br>H 13 | M<br>H 11 | N<br>H 7 | O<br>h 14 | P | Q | R  | S |
|--------------------|--------|-----------|---------|----|---|-----------|----------------|------------|---|---|-----------|-----------|----------|-----------|---|---|----|---|
| 64                 | 20     | 22        | 34      | 11 | 5 | 2.6       | 6              | 20         | 2 | 8 | 5.5       | 12        | 10       | 16        | 3 | 6 | 28 | 8 |
| 80                 | 25     | 26        | 38      | 11 | 5 | 2.6       | 6              | 20         | 2 | 8 | 5.5       | 12        | 10       | 16        | 3 | 6 | 28 | 8 |

Available with or without bushes  
Note: the bushes are in sinterized steel with teflon  
Treatment: black cataphoresis

Disponibile nella versione con o senza bussola  
Nota: le bussole sono in acciaio sinterizzato  
teflonate all'interno  
Trattamento: cataforesi nera



## FEMALE HINGE CERNIERA FEMMINA

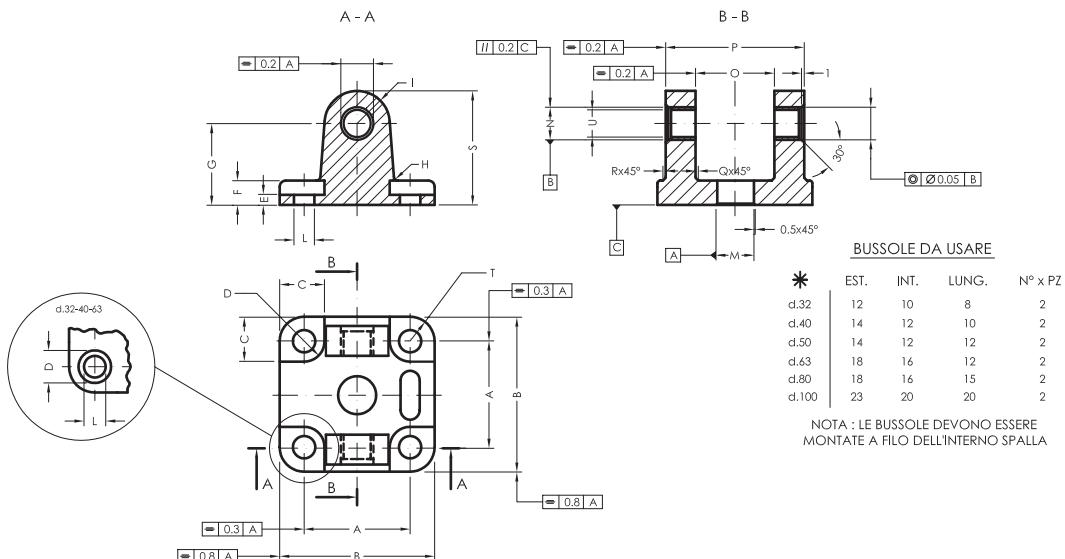
**CODE ORDERING | Codice ordinazione**

**with bushes | con bussole**

**0073 / diam.**

**without bushes | senza bussole**

**0072 / diam.**



| Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A   | B            | C    | D          | E<br>$\pm 0.5$ | F<br>$0$<br>$-0.4$ | G<br>$\pm 0.15$ | H   | I    | L<br>H 13 | M<br>H 11 | N<br>H 7 | O<br>h 14 | P   | Q   | R   | S    | T    | U  |
|--------------------|---------------------|-----|--------------|------|------------|----------------|--------------------|-----------------|-----|------|-----------|-----------|----------|-----------|-----|-----|-----|------|------|----|
| 178                | 32                  | 32  | $48 \pm 1$   | -    | $11_{H13}$ | 5.5            | 9                  | 22              | 2.5 | 10   | 6.6       | 14        | 12       | 26        | 45  | 1.3 | 1.5 | 32   | 8    | 10 |
| 313                | 40                  | 42  | $58 \pm 1.1$ | -    | $11_{H13}$ | 5.5            | 9                  | 25              | 2.5 | 12.5 | 6.6       | 14        | 14       | 28        | 52  | 1.3 | 1.3 | 37.5 | 9    | 12 |
| 431                | 50                  | 50  | $66 \pm 1.1$ | 15.5 | 7.5        | 6.5            | 11                 | 27              | 2.5 | 12.5 | 9         | 18        | 14       | 32        | 60  | 1.5 | 1.5 | 39.5 | 8    | 12 |
| 707                | 63                  | 62  | $83 \pm 1.1$ | -    | $15_{H13}$ | 6.5            | 11                 | 32              | 4   | 15   | 9         | 18        | 18       | 40        | 70  | 1.5 | 1.5 | 47   | 10.5 | 16 |
| 1213               | 80                  | 82  | $102 \pm 12$ | 19   | 9          | 10             | 13                 | 36              | 4   | 15   | 11        | 23        | 18       | 50        | 90  | 1.5 | 1.5 | 51   | 10   | 16 |
| 2200               | 100                 | 103 | $123 \pm 13$ | 19   | 9          | 10             | 15                 | 41              | 4   | 20   | 11        | 28        | 23       | 60        | 110 | 1.5 | 1.5 | 61   | 9    | 20 |

Available with or without bushes

Note: the bushes are in sinterized steel with teflon  
Treatment: black cataphoresis

Disponibile nella versione con o senza bussole  
Nota: le bussole sono in acciaio sinterizzato  
teflonate all'interno  
Trattamento: cataforesi nera

**FOR COMPACT CYLINDERS**  
PER CILINDRI A CORSA BREVE COMPATTI

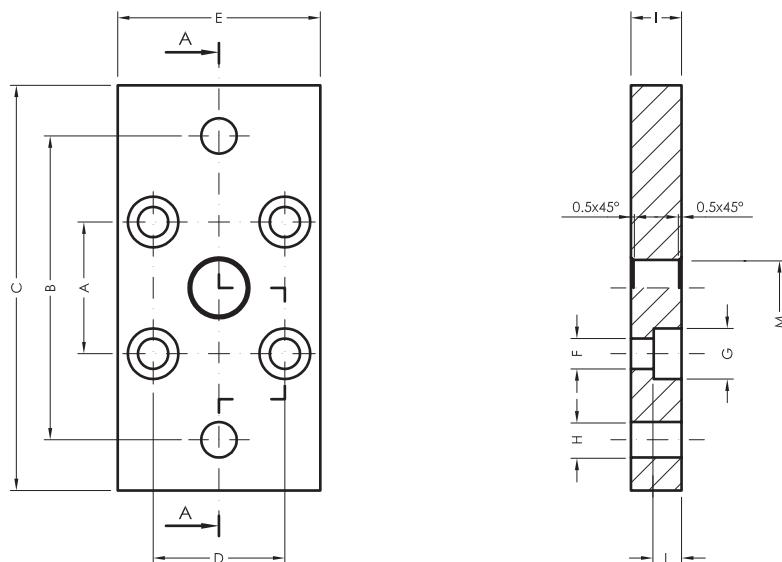


# FLANGE

## FLANGIA

**CODE ORDERING | Codice ordinazione**

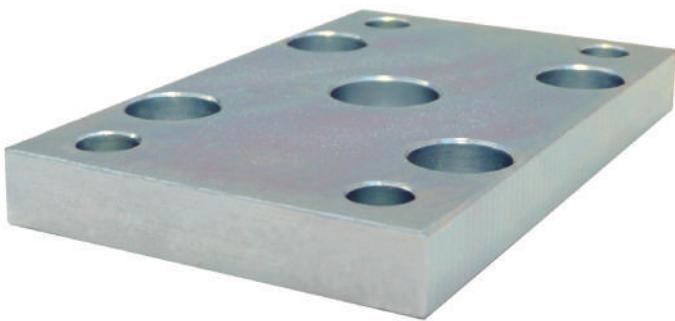
**0060 / diam.**



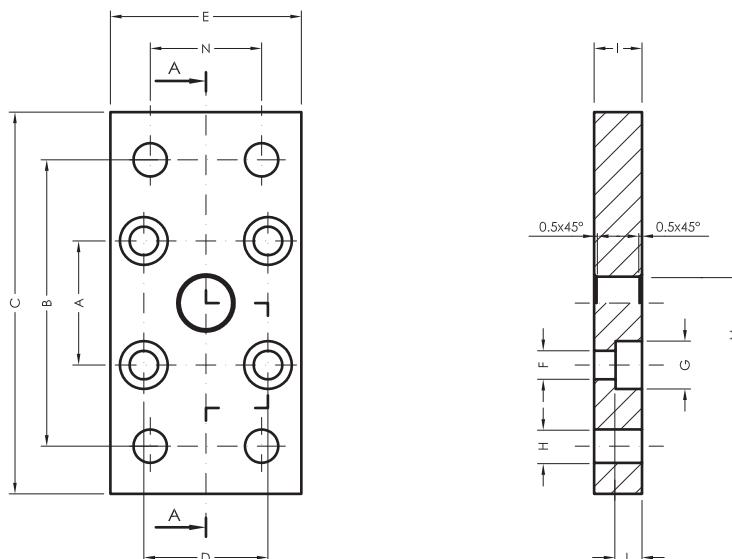
| Weight<br>peso (g) | D.cil.<br>Ø cil. | A<br>±0.2 | B<br>±0.2 | C<br>±0.2 | D<br>±0.2 | E<br>±0.2 | F<br>H 13 | G<br>H 13 | H<br>H 13 | I<br>±0.2 | L<br>±0.2 | M<br>H 11 |
|--------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 10                 | 12-16            | 18        | 43        | 55        | 18        | 29        | 4.5       | 9         | 5.5       | 10        | 5.4       | 10        |
| 16                 | 20               | 22        | 55        | 70        | 22        | 36        | 5.5       | 10        | 6.6       | 10        | 5.4       | 12        |
| 20                 | 25               | 26        | 60        | 76        | 26        | 40        | 5.5       | 10        | 6.6       | 10        | 5.4       | 12        |

Treatment: white zinc coating  
For screws to DIN 912 norm  
Trattamento: zincatura bianca  
Per viti normali a norma DIN 912

**MATERIAL: STEEL**  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

FLANGE  
FLANGIA

CODE ORDERING | Codice ordinazione

**0060** / diam.C<sub>2</sub>

| Weight<br>peso (g) | D.cil.<br>±0.2 | A<br>±0.2 | B<br>±0.2 | C<br>±0.2 | D<br>±0.2 | E<br>±0.2 | F<br>H 13 | G<br>H 13 | H<br>H 13 | I<br>±0.2 | L<br>±0.2 | M<br>H 11 | N<br>±0.2 |
|--------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 260                | 32             | 32        | 65        | 80        | 32        | 50        | 6.6       | 11        | 7         | 10        | 6.4       | 14        | 32        |
| 420                | 40             | 42        | 82        | 102       | 42        | 60        | 6.6       | 11        | 9         | 10        | 6.4       | 14        | 36        |
| 600                | 50             | 50        | 90        | 110       | 50        | 68        | 9         | 15        | 9         | 12        | 8.6       | 18        | 45        |
| 1200               | 63             | 62        | 110       | 130       | 62        | 879       | 11        | 15        | 9         | 15        | 8.6       | 18        | 50        |
| 1800               | 80             | 82        | 135       | 160       | 82        | 107       | 11        | 18        | 12        | 15        | 10.6      | 23        | 63        |
| 2550               | 100            | 103       | 163       | 190       | 103       | 128       | 11        | 18        | 14        | 15        | 10.6      | 28        | 75        |

Treatment: white zinc coating  
For screws to DIN 912 normTrattamento: zincatura bianca  
Per viti normali a norma DIN 912

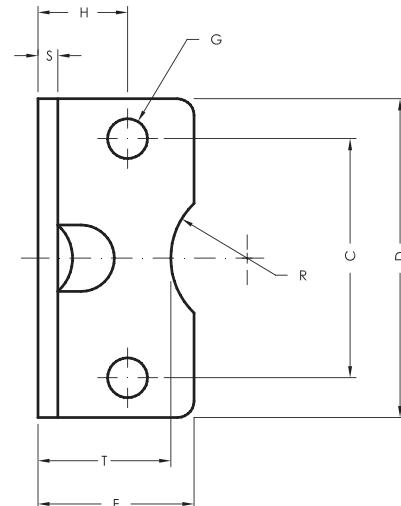
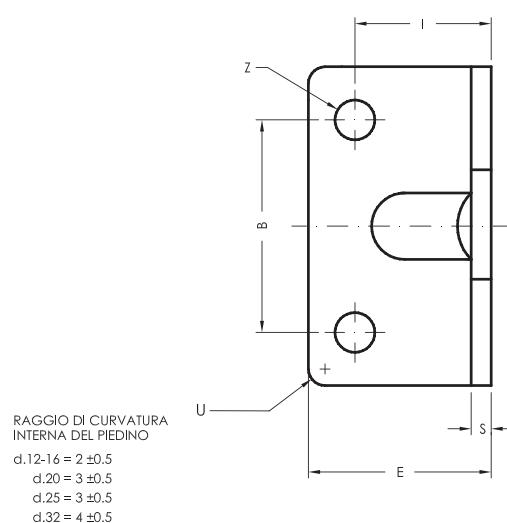
FOR COMPACT CYLINDERS  
PER CILINDRI A CORSA BREVE COMPATTI



## LOW-RISE PEDESTAL PIEDINO BASSO

CODE ORDERING | Codice ordinazione

**0059** / diam.



| Weight<br>peso (g) | D.cil.<br>Ø | C<br>±0.2 | B<br>±0.2 | D<br>0<br>-0.3 | E<br>±1 | F<br>±1 | G<br>H 13 | H<br>±0.2 | I<br>±0.2 | S<br>±0.5 | T<br>±0.3 | R<br>H 15 | U | Z<br>H 13 |
|--------------------|-------------|-----------|-----------|----------------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|---|-----------|
| 20                 | 12-16       | 18        | 18        | 30             | 17.5    | 17.5    | 4.4       | 13        | 13        | 3         | 15        | 9         | 2 | 5.5       |
| 32                 | 20          | 22        | 22        | 36             | 22      | 22      | 5.4       | 16        | 16        | 4         | 17        | 10        | 2 | 6.6       |
| 38                 | 25          | 26        | 26        | 40             | 22      | 23      | 5.4       | 17        | 16        | 4         | 19        | 11        | 2 | 6.6       |
| 66                 | 32          | 32        | 32        | 50             | 26      | 24      | 6.6       | 16        | 18        | 5         | 20        | 12        | 2 | 6.6       |

Treatment: white zinc coating  
Trattamento: zincatura bianca

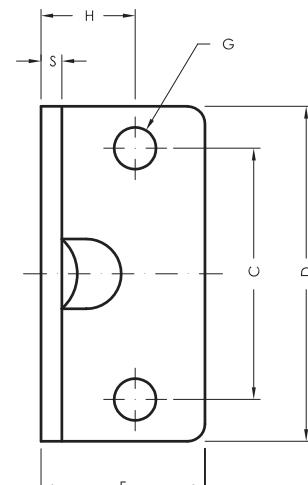
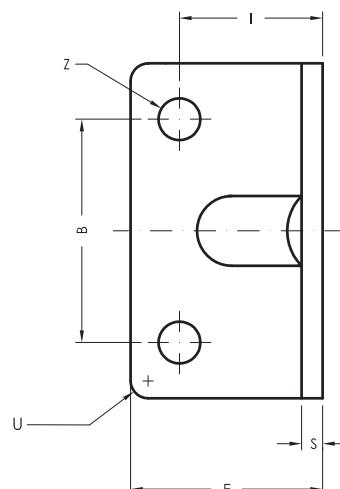
MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

LOW-RISE PEDESTAL  
PIEDINO BASSO

CODE ORDERING | Codice ordinazione

**0059 / diam.**RAGGIO DI CURVATURA  
INTERNA DEL PIEDINO

d.40 = 4 ±0.5  
d.50 = 5 ±0.5  
d.63 = 5 ±0.5  
d.80 = 7 +0.5  
d.100 = 7 +0.5

C<sub>2</sub>

| Weight<br>peso (g) | D.cil.<br>C<br>±0.2 | C<br>±0.2 | B<br>±0.2 | D<br>0<br>-0.3 | E<br>±1 | F<br>±1 | G<br>H 13 | H<br>±0.2 | I<br>±0.2 | S<br>±0.5 | U | Z<br>H 13 |
|--------------------|---------------------|-----------|-----------|----------------|---------|---------|-----------|-----------|-----------|-----------|---|-----------|
| 100                | 40                  | 42        | 42        | 60             | 28      | 29.5    | 6.6       | 21.5      | 20        | 5         | 5 | 9         |
| 150                | 50                  | 50        | 50        | 68             | 32      | 30      | 9         | 22        | 24        | 6         | 5 | 9         |
| 250                | 63                  | 62        | 62        | 84             | 39      | 39      | 9         | 28.5      | 27        | 6         | 5 | 11        |
| 380                | 80                  | 82        | 82        | 102            | 42      | 36.5    | 11        | 24.5      | 30        | 8         | 5 | 11        |
| 500                | 100                 | 103       | 103       | 123            | 45      | 38.5    | 11        | 26.5      | 33        | 8         | 5 | 13.5      |

Treatment: white zinc coating  
Trattamento: zincolatura bianca

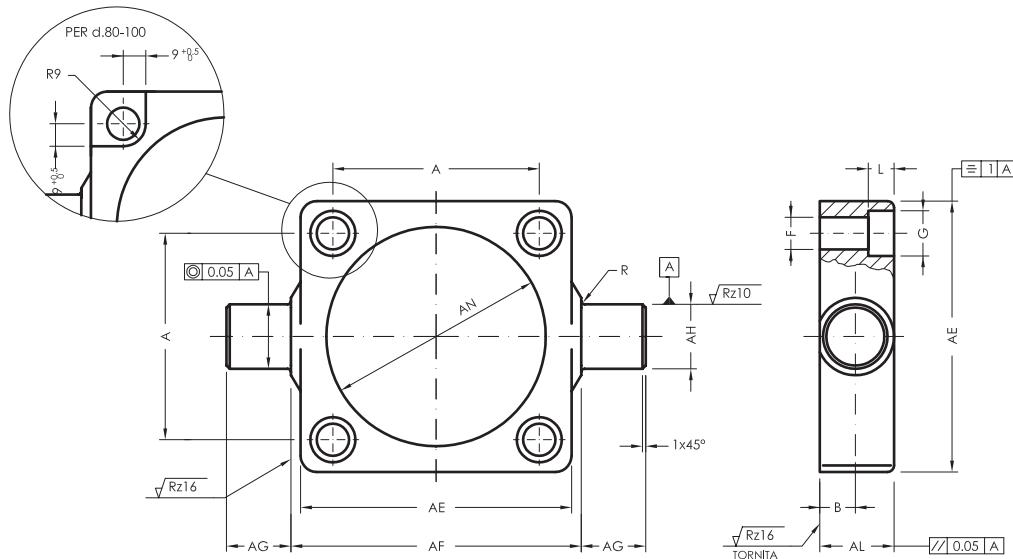
Materiale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# INTERMEDIATE SPOT FACED HINGE

## CERNIERA INTERMEDIA LAMATA

CODE ORDERING | Codice ordinazione

**0075** / diam.



| Weight<br>peso (g) | D.cil.<br>mm | AE<br>max<br>mm | AL<br>max<br>mm | AH<br>e 9<br>mm | AG<br>h 14<br>mm | AF<br>h 14<br>mm | AN<br>mm       | A<br>mm       | B<br>mm         | F<br>mm       | G<br>mm        | L<br>$\pm 0.2$<br>mm | R<br>$\pm 0.3$<br>mm |
|--------------------|--------------|-----------------|-----------------|-----------------|------------------|------------------|----------------|---------------|-----------------|---------------|----------------|----------------------|----------------------|
| 100                | 20           | 35              | 14              | 12              | 12               | 38               | $18 \pm 0.5$   | $22 \pm 0.1$  | $6.5_0^{+0.3}$  | $5.5 \pm 0.1$ | $10 \pm 0.2$   | 6                    | 1                    |
| 114                | 25           | 39              | 14              | 12              | 12               | 42               | $22_0^{+1}$    | $26 \pm 0.1$  | $6.5_0^{+0.3}$  | $5.5 \pm 0.1$ | $10_0^{+0.2}$  | 6                    | 1                    |
| 132                | 32           | 46              | 14              | 12              | 12               | 52               | $32_1^{+0.5}$  | $32 \pm 0.1$  | $6.5_0^{+0.3}$  | $6.6 \pm 0.2$ | $10.5 \pm 0.2$ | 7                    | 1                    |
| 278                | 40           | 59              | 19              | 16              | 16               | 63               | $46_1^{+0.5}$  | $42 \pm 0.1$  | $9_0^{+0.3}$    | $6.6 \pm 0.2$ | $11 \pm 0.2$   | 7                    | 1.6                  |
| 362                | 50           | 69              | 19              | 16              | 16               | 75               | $53_1^{+0.5}$  | $50 \pm 0.2$  | $9_0^{+0.3}$    | $9 \pm 0.2$   | $14 \pm 0.2$   | 9                    | 1.6                  |
| 624                | 63           | 84              | 24              | 20              | 20               | 90               | $69_1^{+0.5}$  | $62 \pm 0.2$  | $11.5_0^{+0.4}$ | $9 \pm 0.2$   | $15 \pm 0.2$   | 9                    | 1.6                  |
| 765                | 80           | 102             | 24              | 20              | 20               | 110              | $87_1^{+0.5}$  | $82 \pm 0.2$  | $11.5_0^{+0.4}$ | $11 \pm 0.2$  | -              | 11                   | 1.6                  |
| 1464               | 100          | 125             | 29              | 25              | 25               | 132              | $107_1^{+0.5}$ | $103 \pm 0.2$ | $14_0^{+0.4}$   | $11 \pm 0.2$  | -              | 11                   | 2                    |

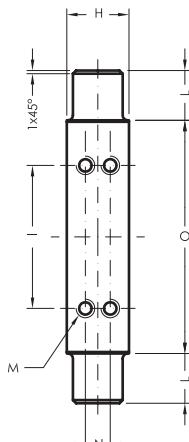
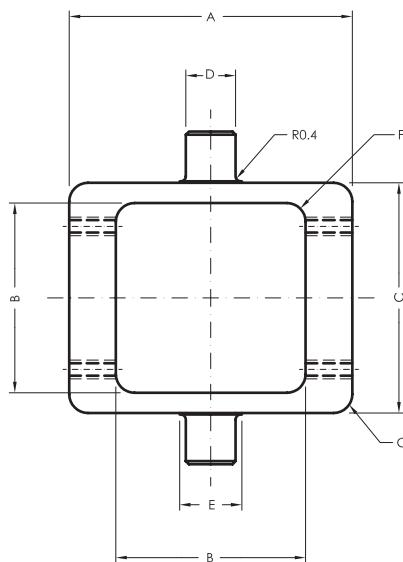
Treatment: white zinc coating  
Trattamento: zinzatura bianca



# INTERMEDIATE HINGE FOR CLEAN PROFILE TYPE EURAL

## CERNIERA INTERMEDIA PER PROFILO PULITO TIPO EURAL

CODE ORDERING | Codice ordinazione

**0032 / diam.**C<sub>2</sub>

| Weight<br>peso (g) | D.cil. | A<br>+1<br>0 | B<br>+0.5<br>0 | C<br>0<br>-0.3 | D<br>ø 9 | E  | F  | G | H<br>+1<br>0 | I<br>±0.2 | L<br>h 14 | M   | N<br>±0.2 | O   |
|--------------------|--------|--------------|----------------|----------------|----------|----|----|---|--------------|-----------|-----------|-----|-----------|-----|
| 250                | 32     | 70           | 45             | 50             | 12       | -  | 5  | 4 | 18           | 32.5      | 12        | M5  | 7         | 50  |
| 410                | 40     | 78           | 51             | 62             | 16       | 20 | 5  | 5 | 20           | 38        | 16        | M5  | 8         | 63  |
| 530                | 50     | 91           | 60.8           | 74             | 16       | 20 | 6  | 6 | 20           | 46.5      | 16        | M6  | 8         | 75  |
| 775                | 63     | 94           | 70.5           | 88             | 20       | 25 | 6  | 6 | 25           | 56.5      | 20        | M6  | 12        | 90  |
| 1430               | 80     | 130          | 87.5           | 109            | 20       | 25 | 7  | 7 | 25           | 72        | 20        | M8  | 12        | 110 |
| 1950               | 100    | 145          | 107            | 130            | 25       | 30 | 8  | 8 | 30           | 89        | 25        | M8  | 15        | 132 |
| 1600               | 125    | 154          | 133            | 155            | 25       | 32 | 11 | 8 | 32           | 110       | 25        | M10 | 15        | 160 |

Treatment: with zinc coating

Note: on request we could execute processing with different measures of the internal profile

Trattamento: zincatura bianca

Note: a richiesta possiamo eseguire lavorazioni con quote diverse del profilo interno

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



## NFPA INTERCHANGEABLE NORMS ALUMINIUM | ALLUMINIO



# INDEX | INDICE



**COD. NF03-NF03T-NF50-NF50T** | PAG. 94  
**FEMALE HINGE MP2**  
CERNIERA FEMMINA MP2



**COD. NF04-NF04T-NF30-NF30T** | PAG. 95  
**MALE HINGE MP2**  
CERNIERA MASCHIO MP2



**COD. NF07** | PAG. 96  
**PIVOT FOR FEMALE HINGE MP2**  
PERNO PER CERNIERA FEMMINA MP2

D<sub>1</sub>

TREATMENT | TRATTAMENTO

black cataphoresis | cataforesi nera  
zinc coating | zincatura  
nickel-plating | nichelatura

## FEMALE HINGE MP2 CERNIERA FEMMINA MP2

CODE ORDERING | Codice ordinazione

**NF03** / diam.

NOT THREADED AND WITHOUT BUSHES  
NON FILETTATO E SENZA BUSSOLE

**NF03T** / diam.

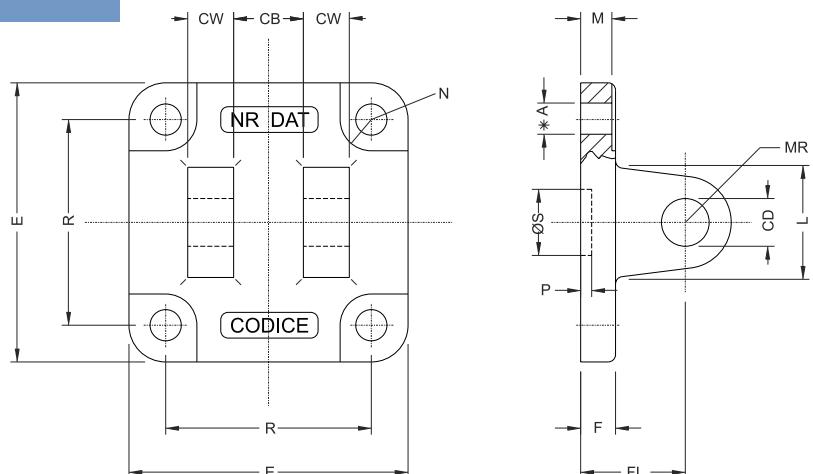
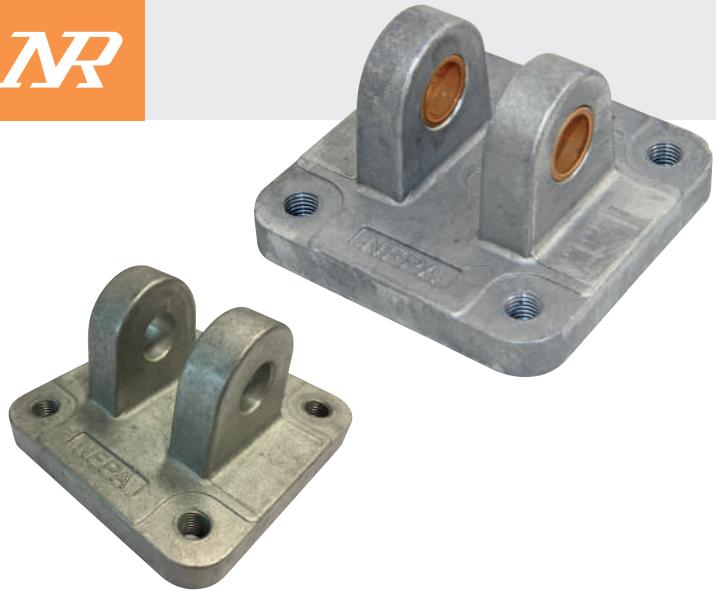
WITH THREADED HOLES WITHOUT BUSHES  
CON FORI FILETTATI SENZA BUSSOLE

**NF50** / diam.

WITH BUSHES | CON BUSSOLE

**NF50T** / diam.

WITH BUSHES AND THREADED HOLES  
CON BUSSOLE E FORI FILETTATI



| D.cil. | E<br>±0,025 | R<br>± 0,010 | A<br>THREAD | +0,010<br>0<br>-0,025 | CW<br>0<br>-0,025 | CB<br>0,020<br>0 | F<br>max | MR<br>max | FL<br>±0,010 | CD<br>+0,002<br>0 | L<br>±0,020 | M<br>±0,020 | N<br>+0,020<br>0 | S<br>+0,020<br>0 | P<br>+0,012<br>0 |
|--------|-------------|--------------|-------------|-----------------------|-------------------|------------------|----------|-----------|--------------|-------------------|-------------|-------------|------------------|------------------|------------------|
| 1 1/2  | 2,000       | 1,430        | 1/4 28      | 0,280                 | 0,500             | 0,750            | 0,395    | 0,472     | 1,125        | 0,500             | 0,945       | 0,375       | 0,236            |                  |                  |
| 2      | 2,500       | 1,840        | 5/16 24     | 0,340                 | 0,500             | 0,750            | 0,395    | 0,551     | 1,125        | 0,500             | 1,102       | 0,375       | 0,335            |                  |                  |
| 2 1/2  | 3,000       | 2,190        | 5/16 24     | 0,340                 | 0,500             | 0,750            | 0,395    | 0,625     | 1,125        | 0,500             | 1,369       | 0,375       | 0,335            | 0,787            | 0,118            |
| 3 1/4  | 3,750       | 2,760        | 3/8 24      | 0,410                 | 0,625             | 1,250            | 0,645    | 0,875     | 1,875        | 0,750             | 1,829       | 0,625       | 0,423            |                  |                  |
| 4      | 4,500       | 3,320        | 3/8 24      | 0,410                 | 0,625             | 1,250            | 0,645    | 0,937     | 1,875        | 0,750             | 2,032       | 0,625       | 0,423            |                  |                  |

Type: GDAISI12Cu2Fe UNI 5076

Tipo: GDAISI12Cu2Fe UNI 5076



**NR**

NFPA INTERCHANGEABLE NORMS  
NORMA NFPA



## MALE HINGE MP4 CERNIERA MASCHIO MP4

CODE ORDERING | Codice ordinazione

**NF04** / diam.

NOT THREADED AND WITHOUT BUSHES  
NON FILETTATO E SENZA BUSSOLE

**NF04T** / diam.

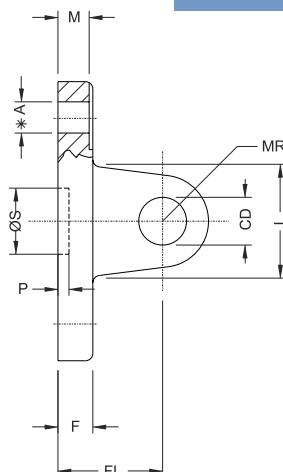
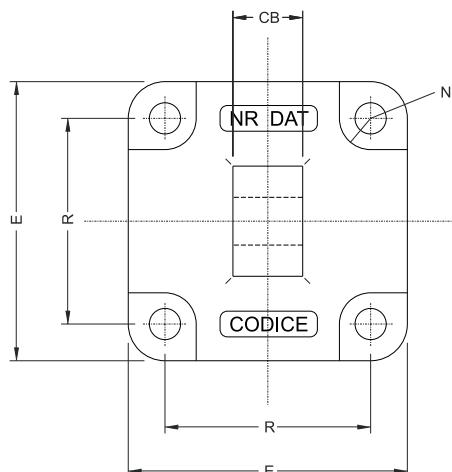
WITH THREADED HOLES WITHOUT BUSHES  
CON FORI FILETTATI SENZA BUSSOLE

**NF30** / diam.

WITH BUSHES | CON BUSSOLE

**NF30T** / diam.

WITH BUSHES AND THREADED HOLES  
CON BUSSOLE E FORI FILETTATI



D1

| D.cil. | E<br>±0,025 | R<br>± 0,010 | A<br>THREAD | +0,010<br>0<br>SMOOTH | CB<br>0<br>-0,020 | F<br>max | MR<br>max | FL<br>±0,010 | CD<br>+0,002<br>0 | L<br>±0,020 | M<br>±0,020 | N<br>+0,020<br>0 | S<br>+0,020<br>0 | P<br>+0,012<br>0 |
|--------|-------------|--------------|-------------|-----------------------|-------------------|----------|-----------|--------------|-------------------|-------------|-------------|------------------|------------------|------------------|
| 1 1/2  | 2,000       | 1,430        | 1/4 28      | 0,280                 | 0,750             | 0,395    | 0,500     | 1,125        | 0,500             | 1,000       | 0,375       | 0,236            |                  |                  |
| 2      | 2,500       | 1,840        | 5/16 24     | 0,340                 | 0,750             | 0,395    | 0,551     | 1,125        | 0,500             | 1,102       | 0,375       | 0,335            |                  |                  |
| 2 1/2  | 3,000       | 2,190        | 5/16 24     | 0,340                 | 0,750             | 0,395    | 0,625     | 1,125        | 0,500             | 1,369       | 0,375       | 0,335            | 0,787            | 0,118            |
| 3 1/4  | 3,750       | 2,760        | 3/8 24      | 0,410                 | 1,250             | 0,645    | 0,875     | 1,875        | 0,750             | 1,829       | 0,625       | 0,423            |                  |                  |
| 4      | 4,500       | 3,320        | 3/8 24      | 0,410                 | 1,250             | 0,645    | 0,937     | 1,875        | 0,750             | 2,032       | 0,625       | 0,423            |                  |                  |

Type: GDAISI12Cu2Fe UNI 5076  
Tipo: GDAISI12Cu2Fe UNI 5076

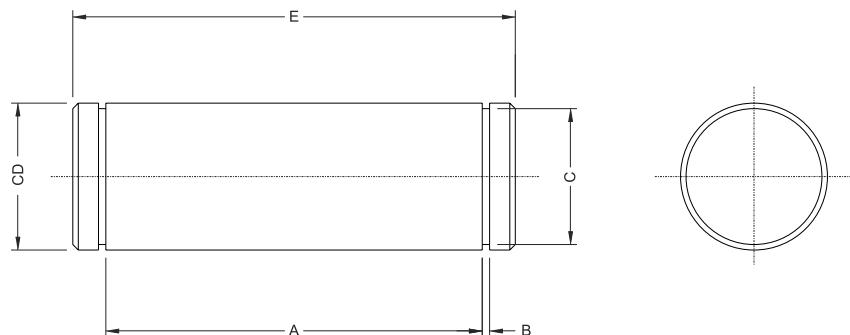
Materiale: Alluminio  
FISSAGGI PER CILINDRI PNEUMATICI

# PIVOT FOR FEMALE HINGE MP2

PERNO PER CERNIERA  
FEMMINA MP2

CODE ORDERING | Codice ordinazione

**NF07** / diam.



| D.cil. | A<br>+0,015<br>0 | B     | C<br>-0,008<br>-0,002 | CD<br>0<br>-0,004 | E<br>±0,030 |
|--------|------------------|-------|-----------------------|-------------------|-------------|
| 1 1/2  | 1,875            | 0,041 | 0,468                 | 0,500             | 2,094       |
| 2      | 1,875            | 0,041 | 0,468                 | 0,500             | 2,094       |
| 2 1/2  | 1,875            | 0,041 | 0,468                 | 0,500             | 2,094       |
| 3 1/4  | 2,625            | 0,048 | 0,704                 | 0,750             | 2,875       |
| 4      | 2,625            | 0,048 | 0,704                 | 0,750             | 2,875       |

Treatment: white zinc coating  
Trattamento: zincatura bianca

MATERIAL: STEEL AVP  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS



## NOTE

D<sub>1</sub>

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0039** | PAG. 100

**FEMALE HINGE**

CERNIERA FEMMINA



**COD. 0034** | PAG. 101

**REAR CLEVIS BRACKET**

ARTICOLAZIONE NORMALE



**COD. 0026** | PAG. 102

**SQUARE JOINT**

ARTICOLAZIONE A SQUADRA



**COD. 0043** | PAG. 103

**HIGH PEDESTAL**

PIEDISTALLO ALTO



**COD. 0044** | PAG. 104

**HIGH LARGE PEDESTAL**

PIEDISTALLO ALTO LARGO

E 1

TREATMENT | TRATTAMENTO

**black cataphoresis** | cataforesi nera

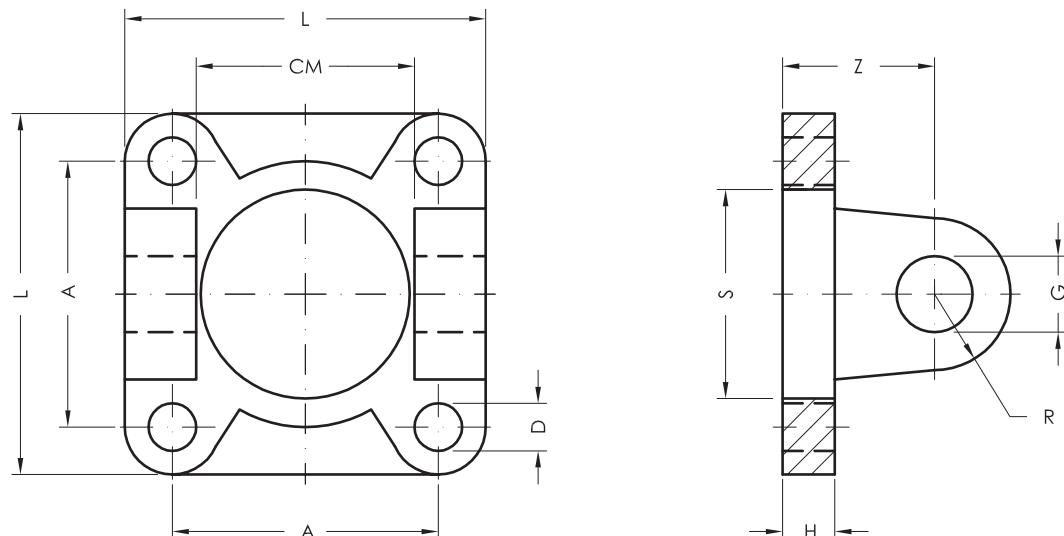
**zinc coating** | zincatura

**nickel-plating** | nichelatura

# FEMALE HINGE CERNIERA FEMMINA

CODE ORDERING | Codice ordinazione

**0039** / diam.



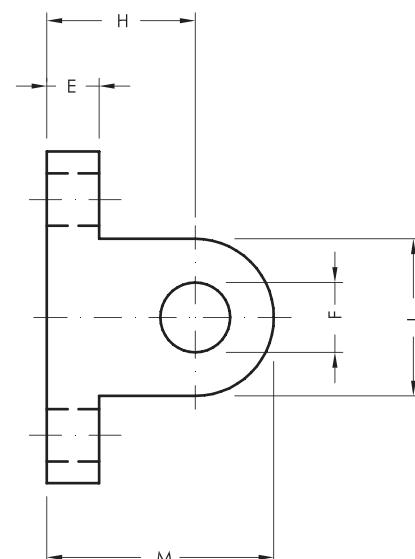
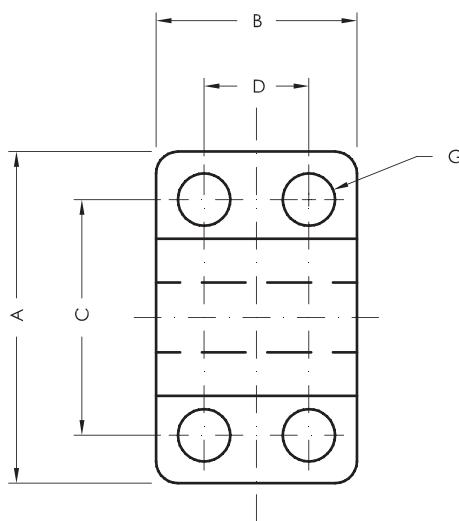
| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | H  | CM<br>H 14 | S<br>H 11 | R<br>max | Z<br>$\pm 0.2$ | G<br>H 9 |
|--------------------|--------|----------------|-----|-----------|----|------------|-----------|----------|----------------|----------|
| 38                 | 32     | 33             | 45  | 7         | 8  | 26         | 25        | 8        | 18             | 8        |
| 58                 | 40     | 40             | 52  | 7         | 8  | 33         | 32        | 12       | 24             | 12       |
| 118                | 50     | 49             | 65  | 9         | 10 | 33         | 32        | 12       | 26             | 12       |
| 146                | 63     | 59             | 75  | 9         | 10 | 47         | 45        | 16       | 30             | 16       |
| 324                | 80     | 75             | 95  | 11        | 12 | 47         | 45        | 16       | 32             | 16       |
| 492                | 100    | 90             | 115 | 11        | 12 | 57         | 55        | 20       | 37             | 20       |
| 978                | 125    | 110            | 140 | 14        | 16 | 57         | 55        | 21       | 41             | 20       |
| 1872               | 160    | 140            | 180 | 18        | 20 | 72         | 65        | 25       | 55             | 25       |
| 2800               | 200    | 175            | 220 | 18        | 20 | 72         | 65        | 25       | 55             | 25       |



# REAR CLEVIS BRACKET

## ARTICOLAZIONE NORMALE

CODE ORDERING | Codice ordinazione

**0034** / diam.

| Weight<br>peso (g) | D.cil.  | A   | B  | C<br>±0.2 | D<br>±0.2 | E  | F<br>H 9 | G  | H<br>±0.2 | L<br>max | M<br>max |
|--------------------|---------|-----|----|-----------|-----------|----|----------|----|-----------|----------|----------|
| 26                 | 32      | 40  | 25 | 28        | -         | 8  | 8        | 7  | 18        | 16       | 26       |
| 56                 | 40-50   | 52  | 32 | 38        | 16        | 10 | 12       | 9  | 26        | 24       | 38       |
| 176                | 63-80   | 75  | 46 | 54        | 25        | 12 | 16       | 11 | 34        | 36       | 52       |
| 376                | 100-125 | 115 | 56 | 90        | 32        | 16 | 20       | 14 | 41        | 40       | 61       |
| 924                | 160-200 | 180 | 71 | 150       | 43        | 20 | 25       | 18 | 55        | 50       | 80       |

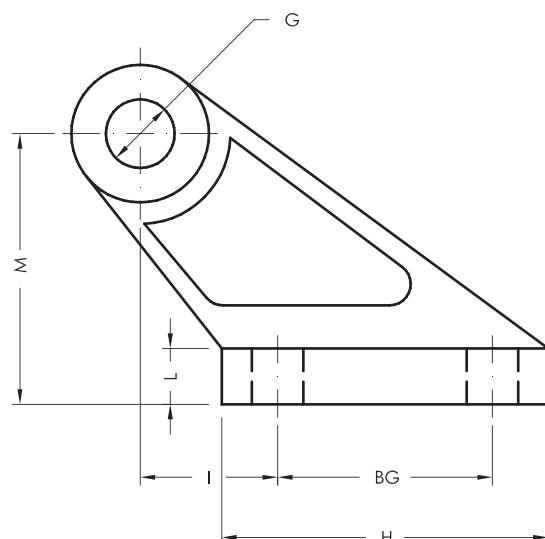
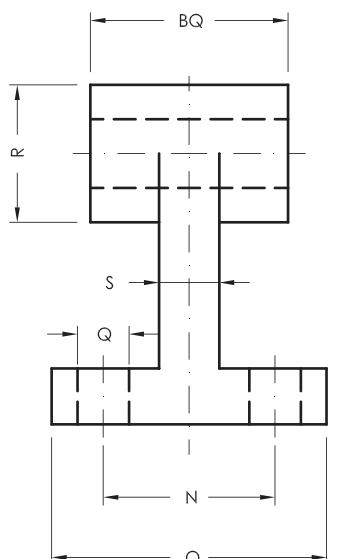
E 1

# SQUARE JOINT

## ARTICOLAZIONE A SQUADRA

**CODE ORDERING | Codice ordinazione**

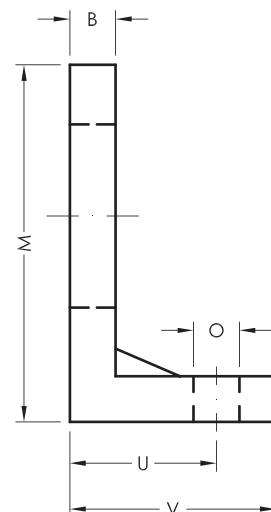
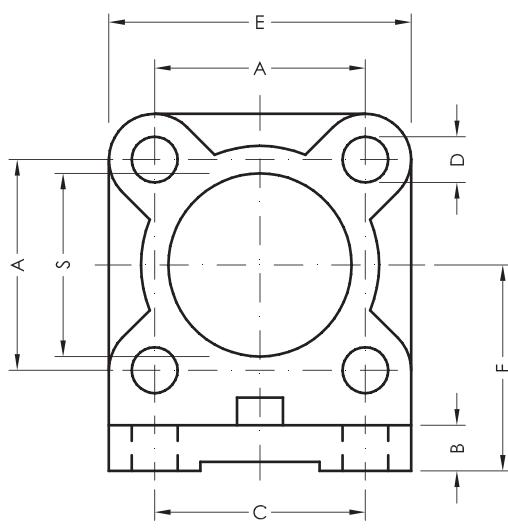
**0026 / diam.**



| Weight<br>peso (g) | D.cil.  | Q<br>H 13 | BG<br>±0.2 | H   | I<br>±0.2 | L  | M<br>±0.2 | N<br>±0.2 | O   | S  | R<br>max | BQ<br>-0.2<br>-0.6 | G<br>H 9 |
|--------------------|---------|-----------|------------|-----|-----------|----|-----------|-----------|-----|----|----------|--------------------|----------|
| 58                 | 32      | 7         | 20         | 37  | 18        | 8  | 32        | 25        | 41  | 9  | 19.5     | 25                 | 8        |
| 144                | 40-50   | 9         | 32         | 54  | 25        | 10 | 45        | 32        | 52  | 14 | 26       | 32                 | 12       |
| 300                | 63-80   | 11        | 50         | 75  | 32        | 13 | 63        | 40        | 63  | 14 | 32       | 46                 | 16       |
| 694                | 100-125 | 14        | 70         | 103 | 40        | 17 | 90        | 50        | 80  | 22 | 42       | 56                 | 20       |
| 1922               | 160-200 | 18        | 110        | 154 | 50        | 20 | 140       | 63        | 111 | 26 | 54       | 70                 | 25       |

HIGH PEDESTAL  
PIEDISTALLO ALTO

CODE ORDERING | Codice ordinazione

**0043** / diam.

| Weight<br>peso (g) | D.cil.<br>Ø | A<br>±0.2 | B<br>±0.2 | C<br>±0.2 | D<br>H 13 | E<br>±0.5 | F<br>±0.2 | M<br>±1 | O<br>H 13 | S<br>H 11 | U<br>±0.2 | V<br>±1 |
|--------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|---------|
| 40                 | 25          | 28        | 8         | 24        | 7         | 40        | 30        | 50      | 9         | 25        | 27        | 35      |
| 54                 | 32          | 33        | 8         | 28        | 7         | 45        | 32        | 54      | 9         | 25        | 27        | 35      |
| 70                 | 40          | 40        | 8         | 36        | 7         | 52        | 36        | 62      | 9         | 32        | 27        | 35      |
| 150                | 50          | 49        | 10        | 45        | 9         | 65        | 45        | 77      | 11        | 32        | 35        | 45      |
| 170                | 63          | 59        | 10        | 55        | 9         | 75        | 50        | 87      | 11        | 45        | 35        | 45      |
| 354                | 80          | 75        | 12        | 70        | 11        | 95        | 63        | 110     | 14        | 45        | 43        | 55      |
| 470                | 100         | 90        | 12        | 90        | 11        | 115       | 73        | 130     | 14        | 55        | 43        | 55      |
| 918                | 125         | 100       | 16        | 110       | 14        | 140       | 91        | 161     | 18        | 55        | 52        | 68      |
| 2300               | 160         | 140       | 20        | 130       | 18        | 180       | 115       | 205     | 22        | 65        | 62        | 82      |
| 3450               | 200         | 175       | 20        | 170       | 18        | 220       | 135       | 245     | 22        | 65        | 62        | 92      |

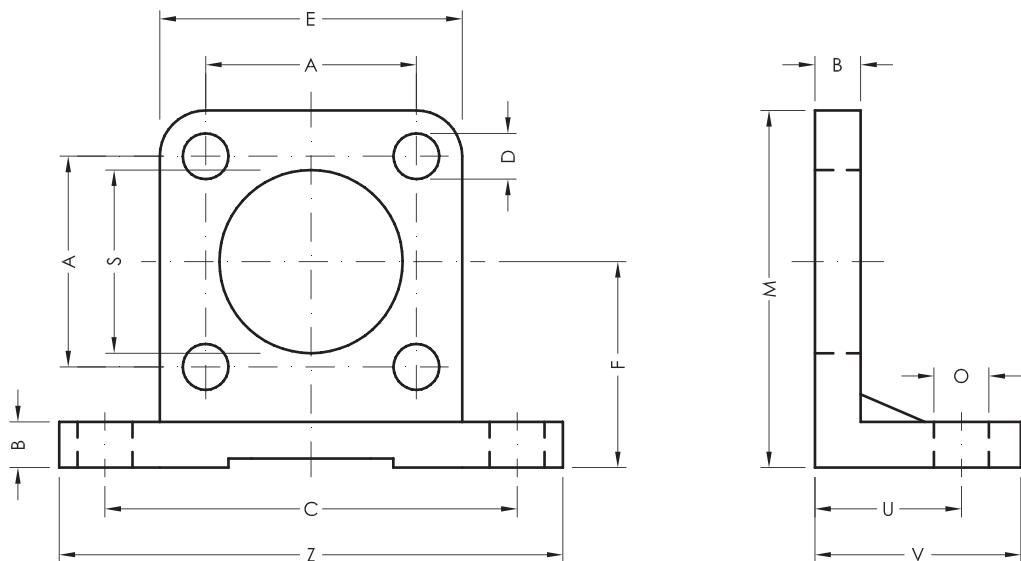
E 1

# HIGH LARGE PEDESTAL

PIEDISTALLO ALTO  
LARGO

**CODE ORDERING | Codice ordinazione**

**0044 / diam.**



| Weight<br>peso (g) | D.cil.<br>Diam. cil. | A<br>$\pm 0.2$ | B<br>$\pm 0.2$ | C<br>$\pm 0.2$ | D<br>H 13 | E<br>$\pm 0.5$ | F<br>$\pm 0.2$ | M<br>$\pm 1$ | O<br>H 13 | S<br>H 11 | U<br>$\pm 0.2$ | V<br>$\pm 1$ | Z<br>$\pm 1$ |
|--------------------|----------------------|----------------|----------------|----------------|-----------|----------------|----------------|--------------|-----------|-----------|----------------|--------------|--------------|
| 55                 | 25                   | 28             | 8              | 58             | 7         | 40             | 30             | 50           | 9         | 25        | 18             | 35           | 75           |
| 76                 | 32                   | 33             | 8              | 65             | 7         | 45             | 32             | 54           | 9         | 25        | 18             | 35           | 82           |
| 90                 | 40                   | 40             | 8              | 72             | 7         | 52             | 36             | 62           | 9         | 32        | 18             | 35           | 90           |
| 188                | 50                   | 49             | 10             | 90             | 9         | 65             | 45             | 77           | 11        | 32        | 22             | 45           | 110          |
| 206                | 63                   | 59             | 10             | 100            | 9         | 75             | 50             | 87           | 11        | 45        | 22             | 45           | 120          |
| 410                | 80                   | 75             | 12             | 126            | 11        | 95             | 63             | 110          | 14        | 45        | 28             | 55           | 154          |
| 576                | 100                  | 90             | 12             | 148            | 11        | 115            | 73             | 130          | 14        | 55        | 28             | 55           | 180          |
| 1058               | 125                  | 110            | 16             | 180            | 14        | 140            | 91             | 161          | 18        | 55        | 32             | 67.5         | 215          |
| 2350               | 160                  | 140            | 20             | 230            | 18        | 180            | 115            | 206          | 22        | 65        | 40             | 80           | 275          |
| 3100               | 200                  | 175            | 20             | 270            | 18        | 220            | 135            | 246          | 22        | 65        | 40             | 80           | 318          |



## NOTE

E 1

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO  
STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO

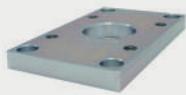


CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0022 | PAG. 108**  
**THREADED FLANGE**  
FLANGIA FILETTATA



**COD. 0028 | PAG. 109**  
**SPOT FACED FLANGE**  
FLANGIA LAMATA



**COD. 0052A | PAG. 110**  
**LOW-RISE PEDESTAL**  
PIEDINO BASSO



**COD. 0052B | PAG. 111**  
**LOW-RISE PEDESTAL**  
PIEDINO BASSO



**COD. 0080 | PAG. 112**  
**SMOOT HOLES FLANGE**  
FLANGIA LISCIA



**COD. 0045 | PAG. 113**  
**PIN FOR FEMALE HINGE**  
PERNO PER CERNIERA FEMMINA



**COD. 0010 | PAG. 114**  
**INTERMEDIATE HINGE**  
CERNIERA INTERMEDIA ROTONDA FILETTATA



**COD. 0010REG | PAG. 115**  
**INTERMEDIATE ADJUSTABLE HINGE**  
CERNIERA INTERMEDIA ROTONDA REGOLABILE

E 2

TREATMENT | TRATTAMENTO

black cataphoresis | cataforesi nera

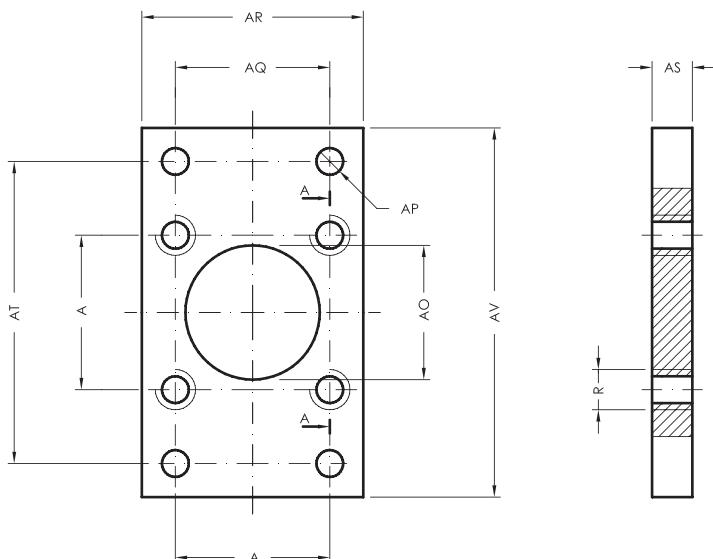
zinc coating | zincatura

nickel-plating | nichelatura

# THREADED FLANGE FLANGIA FILETTATA

CODE ORDERING | Codice ordinazione

**0022** / diam.

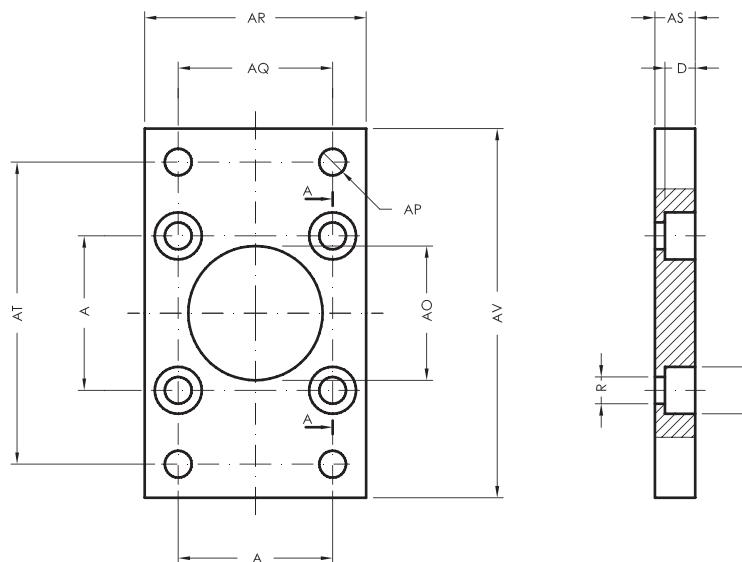


| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R   | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  |
|--------------------|--------|----------------|------------|------------|-----|-----------------|-----|-------------|-------------|-----|
| 170                | 32     | 33             | 9          | 25         | M6  | 8               | 45  | 33          | 68          | 80  |
| 220                | 40     | 40             | 9          | 32         | M6  | 8               | 52  | 40          | 78          | 90  |
| 450                | 50     | 49             | 11         | 32         | M8  | 10              | 65  | 49          | 94          | 110 |
| 532                | 63     | 59             | 11         | 45         | M8  | 10              | 75  | 59          | 104         | 120 |
| 1100               | 80     | 75             | 14         | 45         | M10 | 12              | 95  | 75          | 130         | 150 |
| 1536               | 100    | 90             | 14         | 55         | M10 | 12              | 115 | 90          | 150         | 170 |
| 3100               | 125    | 110            | 18         | 55         | M12 | 16              | 140 | 110         | 180         | 205 |
| 6500               | 160    | 140            | 22         | 65         | M16 | 20              | 180 | 140         | 228         | 260 |
| 9500               | 200    | 175            | 22         | 65         | M16 | 20              | 220 | 175         | 268         | 300 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

SPOT FACED FLANGE  
FLANGIA LAMATA

CODE ORDERING | Codice ordinazione

**0028** / diam.

| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R    | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  | C    | D<br>$\pm 0.2$<br>0 |
|--------------------|--------|----------------|------------|------------|------|-----------------|-----|-------------|-------------|-----|------|---------------------|
| 158                | 32     | 33             | 9          | 25         | 6.5  | 8               | 45  | 33          | 68          | 80  | 10.5 | 6                   |
| 206                | 40     | 40             | 9          | 32         | 6.5  | 8               | 52  | 40          | 78          | 90  | 10.5 | 6                   |
| 424                | 50     | 49             | 11         | 32         | 9    | 10              | 65  | 49          | 94          | 110 | 13.5 | 8                   |
| 504                | 63     | 59             | 11         | 45         | 9    | 10              | 75  | 59          | 104         | 120 | 13.5 | 8                   |
| 1046               | 80     | 75             | 14         | 45         | 10.5 | 12              | 95  | 75          | 130         | 150 | 16.5 | 10                  |
| 1480               | 100    | 90             | 14         | 55         | 10.5 | 12              | 115 | 90          | 150         | 170 | 16.5 | 10                  |
| 3000               | 125    | 110            | 18         | 55         | 13.5 | 16              | 140 | 110         | 180         | 205 | 19   | 12.5                |
| 6300               | 160    | 140            | 22         | 65         | 16.5 | 20              | 180 | 140         | 228         | 260 | 24.5 | 16.5                |
| 9300               | 200    | 175            | 22         | 65         | 16.5 | 20              | 220 | 175         | 268         | 300 | 24.5 | 16.5                |

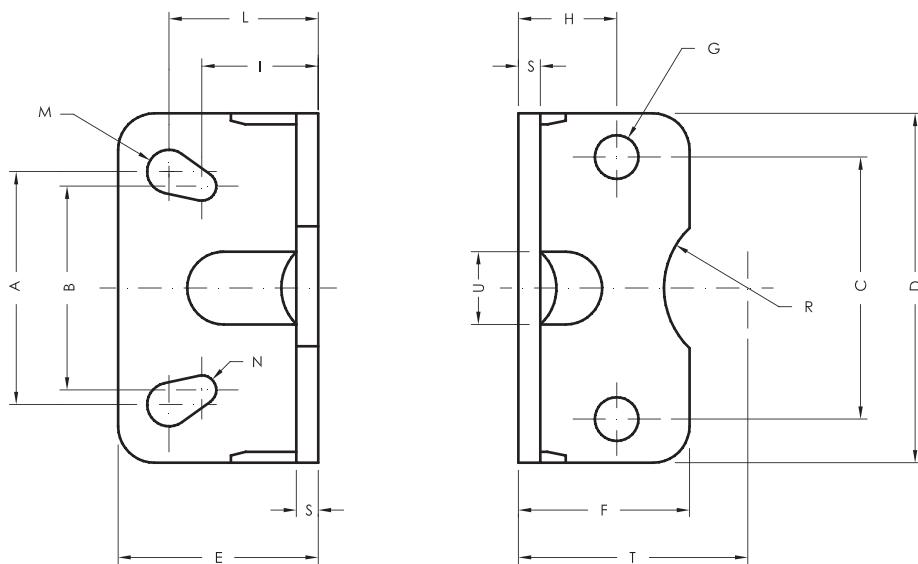
E 2

Treatment: white zinc coating  
Trattamento: zincatura biancaMateriale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

## LOW-RISE PEDESTAL PIEDINO BASSO

CODE ORDERING | Codice ordinazione

**0052** / diam.



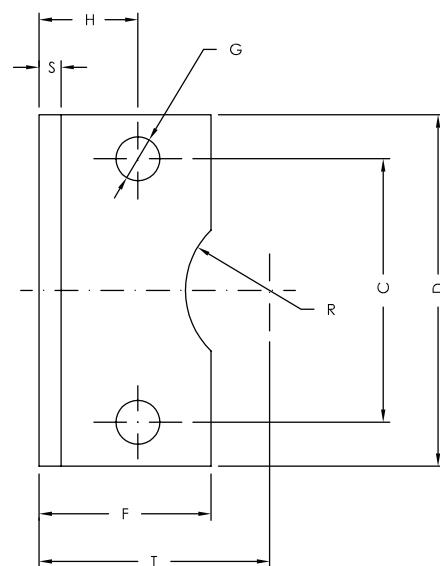
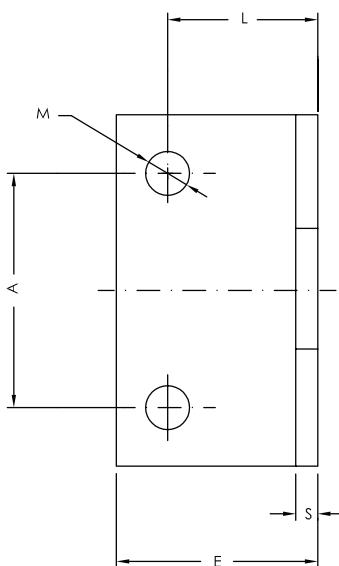
| CNOMO<br>AND CETOP | Weight<br>peso (g) | D.cil.<br>±0.2 | A<br>±0.2 | B<br>±0.2 | C<br>±0.2 | D<br>max | E  | F<br>+2<br>0 | G<br>H 13 | H<br>±0.2 | I<br>±0.2 | L<br>±0.2 | M<br>H 13 | N<br>H 13 | R<br>+0.5<br>0 | S<br>±0.5 | T<br>±0.2 | U  |
|--------------------|--------------------|----------------|-----------|-----------|-----------|----------|----|--------------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|----|
|                    | 54                 | 25             | 24        | -         | 28        | 40       | 35 | 30           | 7         | 16        | -         | 27        | 9         | -         | 13             | 2,5       | -         | -  |
|                    | 66                 | 32             | 28        | 32        | 33        | 45       | 35 | 30           | 7         | 15.5      | 22        | 27        | 4.5       | 3.5       | 12.5           | 4         | 32        | 11 |
|                    | 78                 | 40             | 36        | 36        | 40        | 52       | 36 | 30           | 7         | 16        | 26        | 27        | 4.5       | 4.5       | 16             | 4         | 36        | 15 |
|                    | 168                | 50             | 45        | 45        | 49        | 65       | 45 | 36           | 9         | 20.5      | 30        | 35        | 5.5       | 4.5       | 16             | 5         | 45        | 16 |
|                    | 190                | 63             | 55        | 50        | 59        | 75       | 45 | 35           | 9         | 20.5      | 30        | 35        | 5.5       | 4.5       | 22.5           | 5         | 50        | 18 |
|                    | 382                | 80             | 70        | 63        | 75        | 95       | 55 | 45           | 11        | 25.5      | 37        | 43        | 7         | 5.5       | 22.5           | 6         | 63        | 17 |
|                    | 452                | 100            | 90        | 75        | 90        | 115      | 56 | 44           | 11        | 27        | 37.5      | 43        | 7         | 6.5       | 27.5           | 6         | 73        | 24 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

LOW-RISE PEDESTAL  
PIEDINO BASSO

CODE ORDERING | Codice ordinazione

**0052 / diam.**

| ONLY<br>CNOMO | Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>$\pm 0.2$ | C<br>$\pm 0.2$ | D<br>max | E   | F<br>$+0.2$<br>0 | G<br>H 13 | H<br>$\pm 0.2$ | L<br>$\pm 0.2$ | M<br>H 13 | R<br>$+0.5$<br>0 | S<br>$\pm 0.5$ | T<br>$\pm 0.2$ |
|---------------|--------------------|---------------------|----------------|----------------|----------|-----|------------------|-----------|----------------|----------------|-----------|------------------|----------------|----------------|
|               | 1150               | 125                 | 100            | 110            | 140      | 70  | 70               | 14        | 36             | 52             | 9         | 27.5             | 8              | 91             |
|               | 2000               | 160                 | 130            | 140            | 180      | 75  | 100              | 18        | 45             | 62             | 11        | 32.5             | 9              | 115            |
|               | 3800               | 200                 | 170            | 175            | 220      | 100 | 100              | 18        | 47             | 62             | 11        | 32.5             | 12             | 135            |

E 2

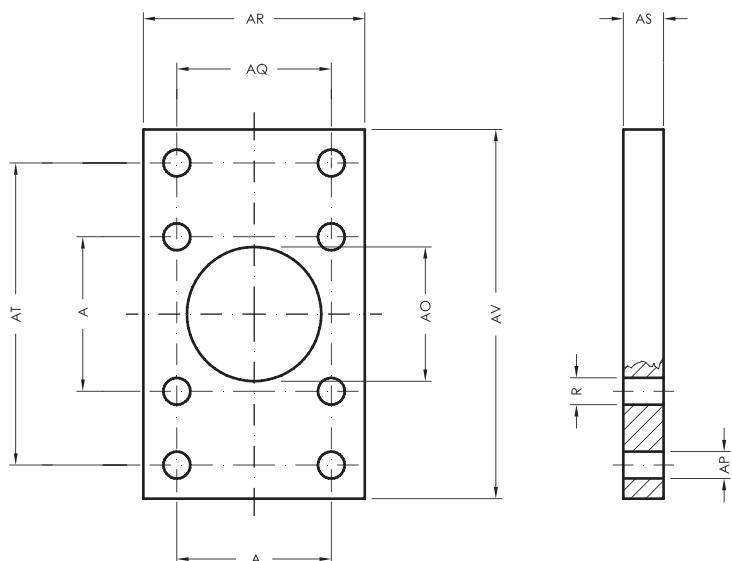
Treatment: white zinc coating  
Trattamento: zincatura biancaMateriale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# SMOOT HOLES FLANGE

## FLANGIA LISCIA

CODE ORDERING | Codice ordinazione

**0080** / diam.



| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R  | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  |
|--------------------|--------|----------------|------------|------------|----|-----------------|-----|-------------|-------------|-----|
| 170                | 32     | 33             | 9          | 25         | 7  | 8               | 45  | 33          | 68          | 80  |
| 220                | 40     | 40             | 9          | 32         | 7  | 8               | 52  | 40          | 78          | 90  |
| 450                | 50     | 49             | 11         | 32         | 9  | 10              | 65  | 49          | 94          | 110 |
| 532                | 63     | 59             | 11         | 45         | 9  | 10              | 75  | 59          | 104         | 120 |
| 1100               | 80     | 75             | 14         | 45         | 11 | 12              | 95  | 75          | 130         | 150 |
| 1536               | 100    | 90             | 14         | 55         | 11 | 12              | 115 | 90          | 150         | 170 |
| 3100               | 125    | 110            | 18         | 55         | 14 | 16              | 140 | 110         | 180         | 205 |
| 6500               | 160    | 140            | 22         | 65         | 18 | 20              | 180 | 140         | 228         | 260 |
| 9500               | 200    | 175            | 22         | 65         | 18 | 20              | 220 | 175         | 268         | 300 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

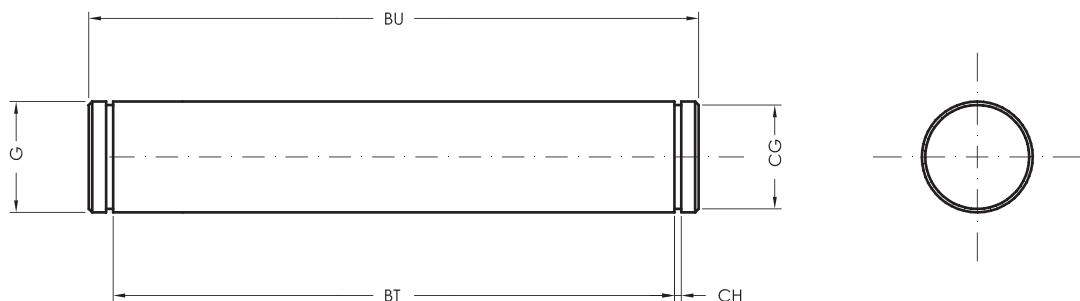
MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS



# PIN FOR FEMALE HINGE

## PERNO PER CERNIERA FEMMINA

CODE ORDERING | Codice ordinazione

**0045** / diam.

| Weight<br>peso (g) | D.cil.<br>f7 | G<br>f7 | BT<br>+0.3<br>0 | CG   | CH  | BU  |
|--------------------|--------------|---------|-----------------|------|-----|-----|
| 21                 | 32           | 8       | 46              | 7.6  | 1.1 | 53  |
| 52                 | 40           | 12      | 53              | 11.5 | 1.1 | 60  |
| 64                 | 50           | 12      | 66              | 11.5 | 1.1 | 73  |
| 130                | 63           | 16      | 76              | 15.2 | 1.1 | 83  |
| 160                | 80           | 16      | 96              | 15.2 | 1.1 | 103 |
| 304                | 100          | 20      | 117             | 19   | 1.3 | 124 |
| 364                | 125          | 20      | 142             | 19   | 1.3 | 149 |
| 720                | 160          | 25      | 182             | 23.9 | 1.3 | 189 |
| 872                | 200          | 25      | 222             | 23.9 | 1.3 | 229 |

E 2

Treatment: white zinc coating  
Trattamento: zincatura bianca

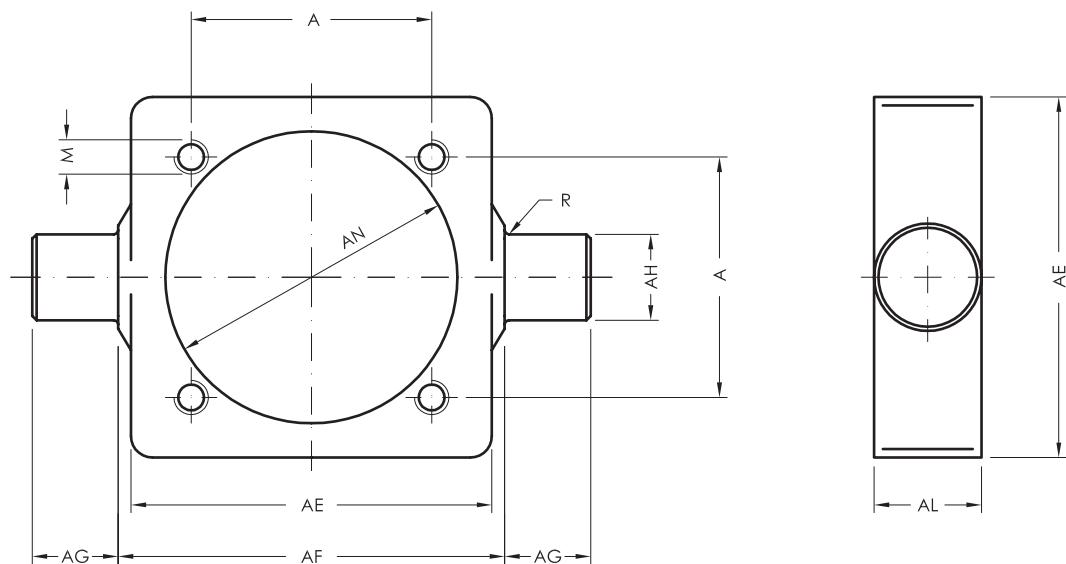
Materiale: Acciaio  
FISAGGI PER CILINDRI PNEUMATICI

# INTERMEDIATE HINGE

## CERNIERA INTERMEDIA ROTONDA FILETTATA

CODE ORDERING | Codice ordinazione

**0010** / diam.



|                              | Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>$\pm 0.2$ | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>$+0.2$<br>0 | R<br>max | M   |
|------------------------------|--------------------|---------------------|----------------|-----------|-----------|-----------|------------|------------|-------------------|----------|-----|
| CNOMO                        | 28                 | 25                  | 28             | 39        | 15        | 12        | 12         | 42         | 28,5              | 0,8      | M6  |
|                              | 130                | 32                  | 33             | 46        | 15        | 12        | 12         | 50         | 37                | 1        | M6  |
|                              | 306                | 40                  | 40             | 59        | 20        | 16        | 16         | 63         | 46                | 1,5      | M6  |
|                              | 370                | 50                  | 49             | 69        | 20        | 16        | 16         | 73         | 56                | 1,6      | M8  |
|                              | 702                | 63                  | 59             | 84        | 25        | 20        | 20         | 90         | 69                | 1,6      | M8  |
|                              | 894                | 80                  | 75             | 102       | 25        | 20        | 20         | 108        | 87                | 1,6      | M10 |
|                              | 1590               | 100                 | 90             | 125       | 30        | 25        | 25         | 131        | 107               | 2        | M10 |
| SAME AS CNOMO<br>AD ISO-VDMA | 2600               | 125                 | 110            | 155       | 32        | 25        | 25         | 160        | 133,5             | 2        | M12 |
|                              | 4300               | 160                 | 140            | 190       | 40        | 32        | 32         | 200        | 171               | 2,5      | M16 |
|                              | 7450               | 200                 | 175            | 240       | 40        | 32        | 32         | 250        | 211               | 2,5      | M16 |

SAME AS CNOMO  
AD ISO-VDMA

Treatment: white zinc coating

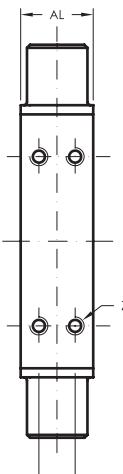
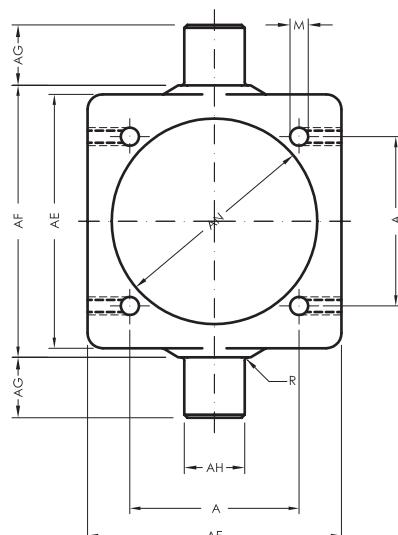
Trattamento: zincatura bianca

# INTERMEDIATE ADJUSTABLE HINGE

## CERNIERA INTERMEDIA ROTONDA REGOLABILE



CODE ORDERING | Codice ordinazione

**0010REG / diam.**

|                              | Weight<br>peso (g) | D.cil.<br>$\pm 0.2$ | A<br>max | AE<br>max | AL<br>max | AH<br>e 9 | AG<br>h 14 | AF<br>h 14 | AN<br>$+0.2$<br>0 | R<br>max | M<br>$+0.2$<br>0 | Q<br>$\pm 0.2$ | Z   |
|------------------------------|--------------------|---------------------|----------|-----------|-----------|-----------|------------|------------|-------------------|----------|------------------|----------------|-----|
| CNOMO                        | 110                | 32                  | 33       | 46        | 15        | 12        | 12         | 50         | 37                | 1        | 6.25             | 7              | M5  |
|                              | 290                | 40                  | 40       | 59        | 20        | 16        | 16         | 63         | 46                | 1.5      | 6.25             | 8              | M5  |
|                              | 330                | 50                  | 49       | 69        | 20        | 16        | 16         | 73         | 56                | 1.6      | 8.25             | 8              | M6  |
|                              | 650                | 63                  | 59       | 84        | 25        | 20        | 20         | 90         | 69                | 1.6      | 8.25             | 12             | M6  |
|                              | 830                | 80                  | 75       | 102       | 25        | 20        | 20         | 108        | 87                | 1.6      | 10.25            | 12             | M8  |
|                              | 1560               | 100                 | 90       | 125       | 30        | 25        | 25         | 131        | 107               | 2        | 10.25            | 15             | M8  |
| SAME AS CNOMO<br>AD ISO-VDMA | 2450               | 125                 | 110      | 155       | 32        | 25        | 25         | 160        | 133.5             | 2        | 12.25            | 15             | M10 |
|                              | 4150               | 160                 | 140      | 190       | 40        | 32        | 32         | 200        | 171               | 2.5      | 16.25            | 18             | M12 |
|                              | 7300               | 200                 | 175      | 240       | 40        | 32        | 32         | 250        | 211               | 2.5      | 16.25            | 18             | M12 |

E 2

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0040 | PAG. 118**

**FEMALE HINGE**

CERNIERA FEMMINA



**COD. 0041 | PAG. 119**

**MALE HINGE**

CERNIERA MASCHIO



**COD. 0042 | PAG. 120**

**HIGH PEDESTAL**

PIEDINO ALTO

F 1

TREATMENT | TRATTAMENTO

**black cataphoresis** | cataforesi nera

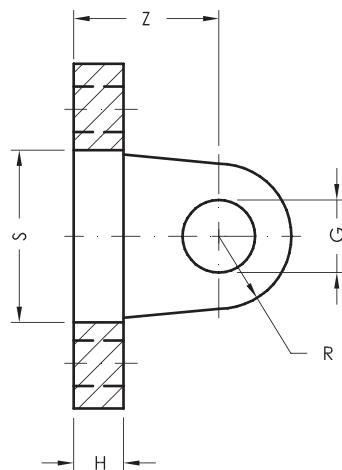
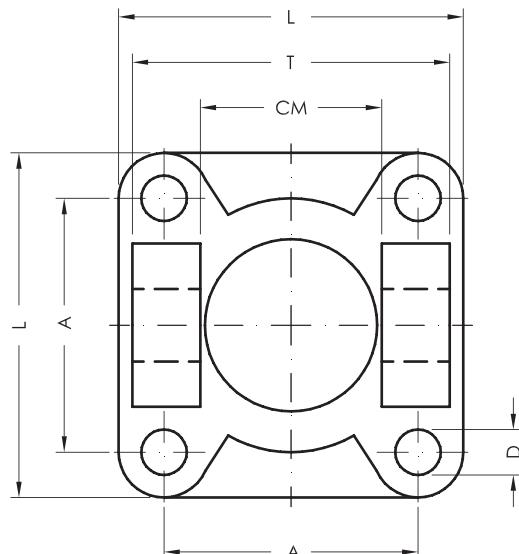
**zinc coating** | zincatura

**nickel-plating** | nichelatura

# FEMALE HINGE CERNIERA FEMMINA

**CODE ORDERING | Codice ordinazione**

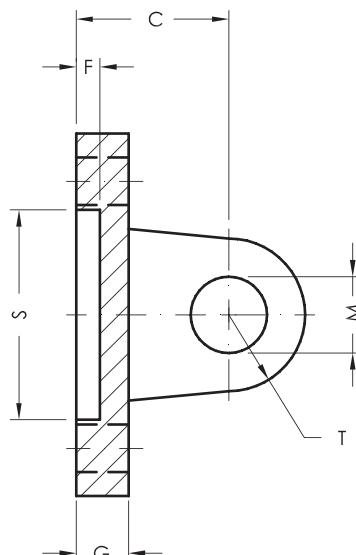
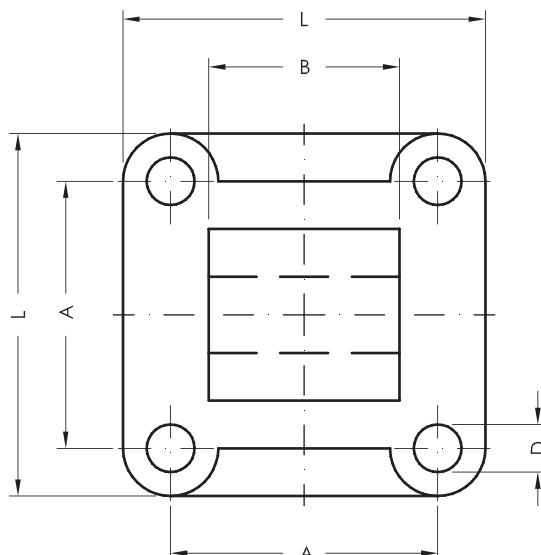
**0040 / diam.**



| Weight<br>peso (g) | D.cil.<br>Diam. cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | H  | CM<br>H 14 | T<br>h 14 | S<br>H 11 | R<br>max | Z<br>$\pm 0.2$ | G<br>H 9 |
|--------------------|----------------------|----------------|-----|-----------|----|------------|-----------|-----------|----------|----------------|----------|
| 42                 | 32                   | 33             | 45  | 7         | 8  | 26         | 45        | 25        | 10       | 20             | 10       |
| 60                 | 40                   | 40             | 52  | 7         | 8  | 28         | 52        | 32        | 12       | 23             | 12       |
| 108                | 50                   | 49             | 65  | 9         | 10 | 32         | 60        | 32        | 12       | 25             | 12       |
| 155                | 63                   | 59             | 75  | 9         | 10 | 40         | 70        | 45        | 16       | 30             | 16       |
| 284                | 80                   | 75             | 95  | 11        | 12 | 50         | 90        | 45        | 16       | 32             | 16       |
| 554                | 100                  | 90             | 115 | 11        | 12 | 60         | 110       | 55        | 20       | 37             | 20       |
| 960                | 125                  | 110            | 140 | 14        | 16 | 70         | 130       | 55        | 25       | 46             | 25       |
| 1720               | 160                  | 140            | 180 | 18        | 20 | 90         | 170       | 65        | 25       | 55             | 30       |
| 2400               | 200                  | 175            | 220 | 18        | 20 | 90         | 170       | 65        | 25       | 55             | 30       |

MALE HINGE  
CERNIERA MASCHIO

CODE ORDERING | Codice ordinazione

**0041** / diam.

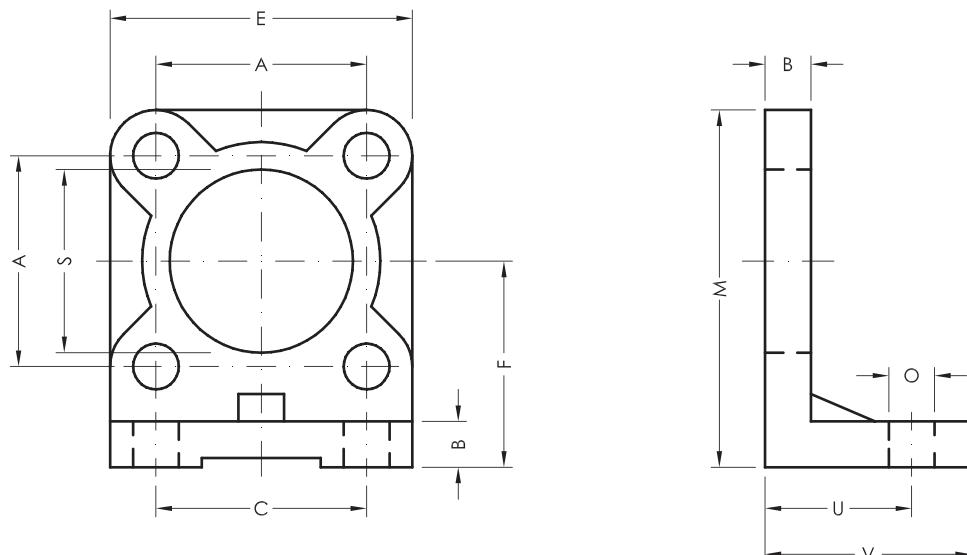
| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | G  | F   | T<br>max | S<br>H 13 | B<br>$-0.2$<br>$-0.6$ | C<br>$\pm 0.2$ | M<br>H 9 |
|--------------------|--------|----------------|-----|-----------|----|-----|----------|-----------|-----------------------|----------------|----------|
| 52                 | 32     | 33             | 45  | 7         | 8  | 3.5 | 10       | 25        | 26                    | 20             | 10       |
| 78                 | 40     | 40             | 55  | 7         | 8  | 3.5 | 12       | 32        | 28                    | 23             | 12       |
| 102                | 50     | 49             | 65  | 9         | 8  | 4   | 12       | 32        | 32                    | 25             | 12       |
| 188                | 63     | 59             | 75  | 9         | 10 | 4   | 16       | 45        | 40                    | 30             | 16       |
| 318                | 80     | 75             | 95  | 11        | 12 | 4   | 16       | 45        | 50                    | 32             | 16       |
| 520                | 100    | 90             | 115 | 11        | 12 | 4   | 20       | 55        | 60                    | 37             | 20       |
| 1062               | 125    | 110            | 140 | 14        | 16 | 7   | 25       | 55        | 70                    | 46             | 25       |
| 1878               | 160    | 140            | 180 | 18        | 20 | 7   | 25       | 65        | 90                    | 55             | 30       |
| 2500               | 200    | 175            | 220 | 18        | 20 | 7   | 25       | 65        | 90                    | 55             | 30       |

F 1

# HIGH PEDESTAL PIEDINO ALTO

**CODE ORDERING | Codice ordinazione**

**0042 / diam.**



| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | B  | C<br>$\pm 0.2$ | D<br>H 13 | E   | F<br>$\pm 0.2$ | M    | O<br>H 13 | S<br>H 13 | U<br>$\pm 0.2$ | V  |
|--------------------|--------|----------------|----|----------------|-----------|-----|----------------|------|-----------|-----------|----------------|----|
| 50                 | 32     | 33             | 8  | 32             | 7         | 45  | 32             | 54.5 | 7         | 25        | 22             | 35 |
| 70                 | 40     | 40             | 8  | 36             | 7         | 52  | 36             | 62   | 9         | 32        | 26             | 35 |
| 156                | 50     | 49             | 10 | 45             | 9         | 65  | 45             | 78   | 9         | 32        | 30             | 45 |
| 173                | 63     | 59             | 10 | 50             | 9         | 75  | 50             | 87   | 9         | 45        | 30             | 45 |
| 358                | 80     | 75             | 12 | 63             | 11        | 95  | 63             | 110  | 12        | 45        | 37             | 55 |
| 472                | 100    | 90             | 12 | 75             | 11        | 115 | 71             | 130  | 14.5      | 55        | 37.5           | 55 |
| 938                | 125    | 110            | 16 | 90             | 14        | 140 | 91             | 161  | 16        | 55        | 41             | 68 |
| 2300               | 160    | 140            | 21 | 115            | 18        | 180 | 115            | 205  | 18        | 65        | 60             | 82 |
| 3300               | 200    | 175            | 21 | 135            | 18        | 220 | 135            | 245  | 22        | 65        | 65             | 92 |



## NOTE

F 1

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



**CETOP**  
STEEL | ACCIAIO



ISO 6431 ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0023** | PAG. 124  
**THREADED FLANGE**  
FLANGIA FILETTATA



**COD. 0029** | PAG. 125  
**SPOT FACED FLANGE**  
FLANGIA LAMATA



**COD. 0052** | PAG. 126  
**LOW-RISE PEDESTAL**  
PIEDINO BASSO



**COD. 0007** | PAG. 32  
**PIN FOR FEMALE HINGE MP2**  
PERNO PER CERNIERA FEMMINA MP2

F<sub>2</sub>

TREATMENT | TRATTAMENTO

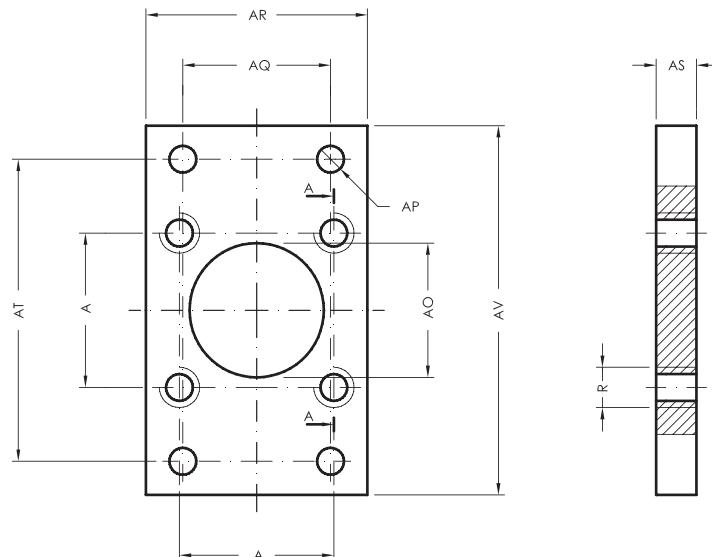
black cataphoresis | cataforesi nera  
zinc coating | zincatura  
nickel-plating | nichelatura

# THREADED FLANGE

## FLANGIA FILETTATA

**CODE ORDERING | Codice ordinazione**

**0023 / diam.**



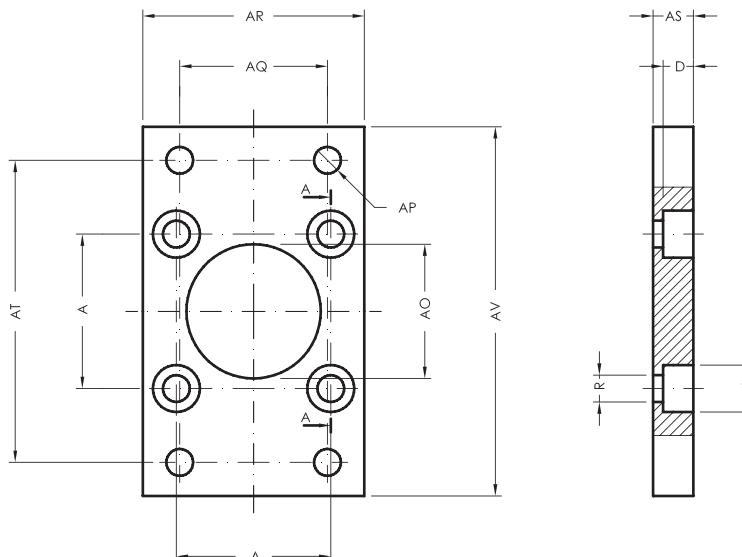
| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R   | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  |
|--------------------|--------|----------------|------------|------------|-----|-----------------|-----|-------------|-------------|-----|
| 178                | 32     | 33             | 7          | 25         | M6  | 8               | 45  | 32          | 64          | 80  |
| 220                | 40     | 40             | 9          | 32         | M6  | 8               | 52  | 36          | 72          | 90  |
| 438                | 50     | 49             | 9          | 32         | M8  | 10              | 65  | 45          | 90          | 110 |
| 542                | 63     | 59             | 9          | 45         | M8  | 10              | 75  | 50          | 100         | 120 |
| 1128               | 80     | 75             | 12         | 45         | M10 | 12              | 95  | 63          | 126         | 150 |
| 1516               | 100    | 90             | 14         | 55         | M10 | 12              | 115 | 75          | 150         | 170 |
| 3200               | 125    | 110            | 16         | 55         | M12 | 16              | 140 | 90          | 180         | 205 |
| 6500               | 160    | 140            | 18         | 65         | M16 | 20              | 180 | 115         | 230         | 260 |
| 9400               | 200    | 175            | 22         | 65         | M16 | 20              | 220 | 135         | 270         | 300 |

Treatment: white zinc coating  
Trattamento: zincatura bianca

MATERIAL: STEEL  
MOUNTING PARTS FOR PNEUMATIC CYLINDERS

SPOT FACED  
FLANGE  
FLANGIA LAMATA

CODE ORDERING | Codice ordinazione

**0029** / diam.

| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | AP<br>H 13 | AO<br>H 11 | R    | AS<br>$\pm 0.2$ | AR  | AQ<br>JS 14 | AT<br>JS 14 | AV  | C    | D<br>$\pm 0.2$<br>0 |
|--------------------|--------|----------------|------------|------------|------|-----------------|-----|-------------|-------------|-----|------|---------------------|
| 164                | 32     | 33             | 7          | 25         | 6.5  | 8               | 45  | 32          | 64          | 80  | 10.5 | 6                   |
| 208                | 40     | 40             | 9          | 32         | 6.5  | 8               | 52  | 36          | 72          | 90  | 10.5 | 6                   |
| 430                | 50     | 49             | 9          | 32         | 8.5  | 10              | 65  | 45          | 90          | 110 | 13.5 | 8                   |
| 514                | 63     | 59             | 9          | 45         | 8.5  | 10              | 75  | 50          | 100         | 120 | 13.5 | 8                   |
| 1068               | 80     | 75             | 12         | 45         | 10.5 | 12              | 95  | 63          | 126         | 150 | 16.5 | 10                  |
| 1470               | 100    | 90             | 14         | 55         | 10.5 | 12              | 115 | 75          | 150         | 170 | 16.5 | 10                  |
| 3000               | 125    | 110            | 16         | 55         | 13   | 16              | 140 | 90          | 180         | 205 | 19   | 12.5                |
| 6500               | 160    | 140            | 18         | 65         | 16.5 | 20              | 180 | 115         | 230         | 260 | 24.5 | 16.5                |
| 9400               | 200    | 175            | 22         | 65         | 16.5 | 20              | 220 | 135         | 270         | 300 | 24.5 | 16.5                |

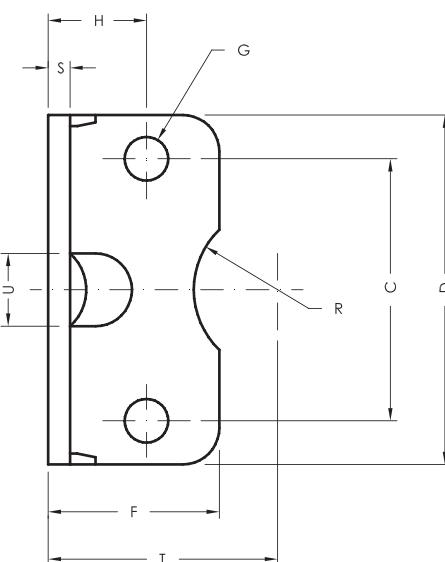
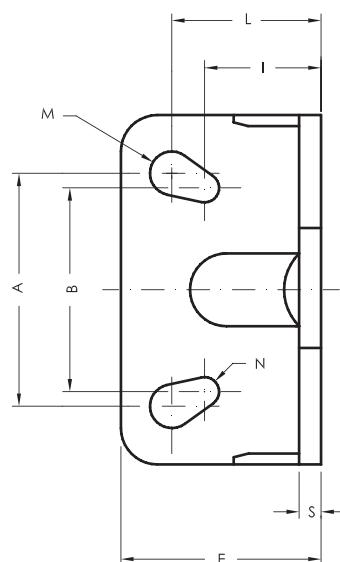
F 2

Treatment: white zinc coating  
Trattamento: zincatura biancaMateriale: Acciaio  
FISSAGGI PER CILINDRI PNEUMATICI

# LOW-RISE PEDESTAL PIEDINO BASSO

**CODE ORDERING | Codice ordinazione**

**0052 / diam.**



| CETOP<br>AND CETOP | Weight<br>peso (g) | D.cil.<br>±0.2 | A<br>±0.2 | B<br>±0.2 | C<br>±0.2 | D<br>max | E  | F<br>+2<br>0 | G<br>H 13 | H<br>±0.2 | I<br>±0.2 | L<br>±0.2 | M<br>H 13 | N<br>H 13 | R<br>+0.5<br>0 | S<br>±0.5 | T<br>±0.2 | U  |
|--------------------|--------------------|----------------|-----------|-----------|-----------|----------|----|--------------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|----|
|                    | 66                 | 32             | 28        | 32        | 33        | 45       | 35 | 30           | 7         | 15.5      | 22        | 27        | 4.5       | 3.5       | 12.5           | 4         | 32        | 11 |
|                    | 78                 | 40             | 36        | 36        | 40        | 52       | 36 | 30           | 7         | 16        | 26        | 27        | 4.5       | 4.5       | 16             | 4         | 36        | 15 |
|                    | 168                | 50             | 45        | 45        | 49        | 65       | 45 | 36           | 9         | 20.5      | 30        | 35        | 5.5       | 4.5       | 16             | 5         | 45        | 16 |
|                    | 190                | 63             | 55        | 50        | 59        | 75       | 45 | 35           | 9         | 20.5      | 30        | 35        | 5.5       | 4.5       | 22.5           | 5         | 50        | 18 |
|                    | 382                | 80             | 70        | 63        | 75        | 95       | 55 | 45           | 11        | 25.5      | 37        | 43        | 7         | 5.5       | 22.5           | 6         | 63        | 17 |
|                    | 452                | 100            | 90        | 75        | 90        | 115      | 56 | 44           | 11        | 27        | 37.5      | 43        | 7         | 6.5       | 27.5           | 6         | 73        | 24 |

Treatment: white zinc coating  
Trattamento: zincatura bianca



# PIN FOR FEMALE HINGE MP2

## PERNO PER CERNIERA FEMMINA MP2

**CODE ORDERING | Codice ordinazione**

**0007 / diam.**

| Weight<br>peso (g) | D.cil. | G<br>ø 8<br>+0.3<br>0 | BT    | CG   | CH<br>H 13 | BU  |
|--------------------|--------|-----------------------|-------|------|------------|-----|
| 32                 | 32     | 10                    | 46    | 9.6  | 1.1        | 53  |
| 52                 | 40     | 12                    | 53    | 11.5 | 1.1        | 60  |
| 60                 | 50     | 12                    | 61    | 11.5 | 1.1        | 68  |
| 122                | 63     | 16                    | 71    | 15.2 | 1.1        | 78  |
| 152                | 80     | 16                    | 91    | 15.2 | 1.1        | 98  |
| 290                | 100    | 20                    | 111   | 19   | 1.3        | 118 |
| 530                | 125    | 25                    | 132   | 23.9 | 1.3        | 139 |
| 978                | 160    | 30                    | 171.5 | 28.6 | 1.6        | 178 |
| 978                | 200    | 30                    | 171.5 | 28.6 | 1.6        | 178 |
| 2100               | 250    | 40                    | 202   | 37.5 | 1.85       | 211 |
| 2950               | 320    | 45                    | 222   | 42.5 | 1.85       | 236 |

F 2

Treatment: white zinc coating  
Trattamento: zincatura bianca

Materiale: Acciaio  
FISAGGI PER CILINDRI PNEUMATICI

## MOUNTING PARTS TO NORM FISSAGGI A NORMA



ISO 15552 STEEL | ACCIAIO



ISO 15552 ALUMINIUM | ALLUMINIO



ISO 15552 STAINLESS STEEL | INOX



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STEEL | ACCIAIO



ISO 6432 FOR MICROCYLINDERS | PER MICROCILINDRI STAINLESS STEEL | INOX



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI STEEL | ACCIAIO



FOR COMPACT | PER CILINDRI A CORSA BREVE COMPATTI ALUMINIUM | ALLUMINIO



NFPA ALUMINIUM | ALLUMINIO



CNOMO ALUMINIUM | ALLUMINIO



CNOMO STEEL | ACCIAIO



CETOP ALUMINIUM | ALLUMINIO



CETOP STEEL | ACCIAIO

ISO 6431  
ALUMINIUM | ALLUMINIO

# INDEX | INDICE



**COD. 0037 | PAG. 128**

**FEMALE HINGE**

CERNIERA FEMMINA



**COD. 0037ANT | PAG. 129**

**FRONT FEMALE HINGE MP2**

CERNIERA FEMMINA ANTERIORE MP2



**COD. 0038 | PAG. 130**

**MALE HINGE**

CERNIERA MASCHIO



**COD. 0024 | PAG. 131**

**SQUARE JOINT**

ARTICOLAZIONE A SQUADRA

TREATMENT | TRATTAMENTO

black cataphoresis | cataforesi nera

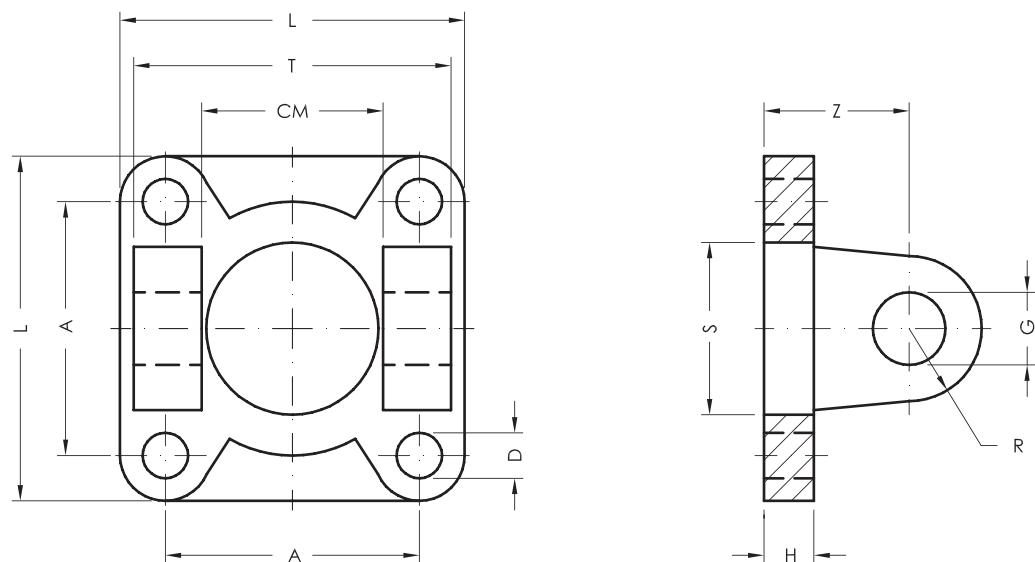
zinc coating | zincatura

nickel-plating | nichelatura

## FEMALE HINGE CERNIERA FEMMINA

CODE ORDERING | Codice ordinazione

**0037** / diam.



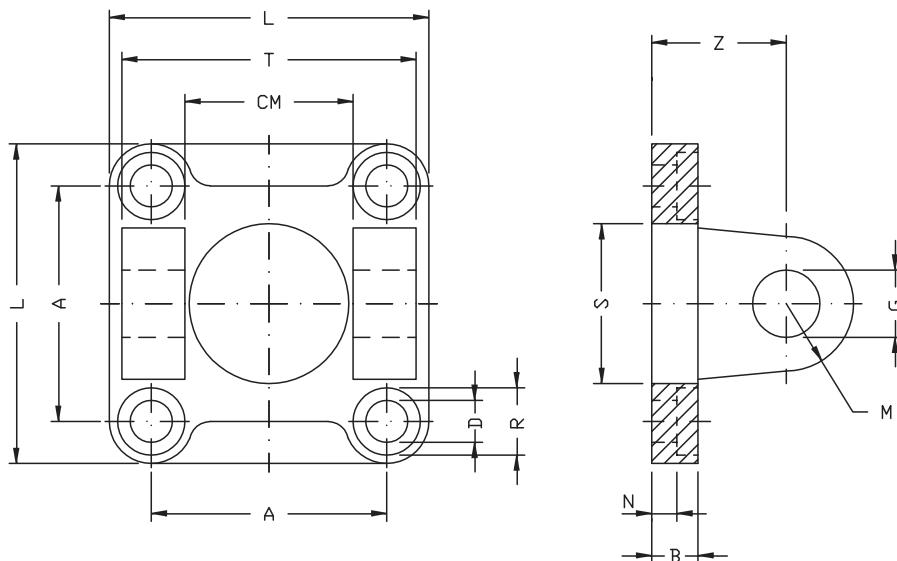
| Weight<br>peso (g) | D.cil.<br>diam. | A<br>$\pm 0.2$ | L   | D<br>H 13 | H  | CM<br>H 14 | T<br>h 14 | S<br>H 11 | R<br>max | Z<br>$\pm 0.2$ | G<br>H 9 |
|--------------------|-----------------|----------------|-----|-----------|----|------------|-----------|-----------|----------|----------------|----------|
| 44                 | 32              | 32.5           | 45  | 7         | 8  | 26         | 45        | 30        | 10       | 22             | 10       |
| 63                 | 40              | 38             | 52  | 7         | 10 | 28         | 52        | 35        | 12       | 25             | 12       |
| 114                | 50              | 46.5           | 65  | 9         | 12 | 32         | 60        | 40        | 12       | 27             | 12       |
| 171                | 63              | 56.5           | 75  | 9.5       | 12 | 40         | 70        | 45        | 16       | 32             | 16       |
| 258                | 80              | 72             | 95  | 11        | 16 | 50         | 90        | 45        | 16       | 36             | 16       |
| 573                | 100             | 89             | 115 | 11        | 16 | 60         | 110       | 55        | 20       | 41             | 20       |



# FRONT FEMALE HINGE

## CERNIERA FEMMINA ANTERIORE

CODE ORDERING | Codice ordinazione

**0037ANT / diam.**

| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L  | D<br>H 13 | H  | CM<br>H 14 | T<br>H 14 | S<br>H 11 | R<br>max | Z<br>$\pm 0.2$ | G<br>H 9 |
|--------------------|--------|----------------|----|-----------|----|------------|-----------|-----------|----------|----------------|----------|
| 44                 | 32     | 32.5           | 45 | 7         | 8  | 26         | 45        | 30        | 10       | 22             | 10       |
| 63                 | 40     | 38             | 52 | 7         | 10 | 28         | 52        | 35        | 12       | 25             | 12       |
| 114                | 50     | 46.5           | 65 | 9         | 12 | 32         | 60        | 40        | 12       | 27             | 12       |
| 171                | 63     | 56.5           | 75 | 9.5       | 12 | 40         | 70        | 45        | 16       | 32             | 16       |

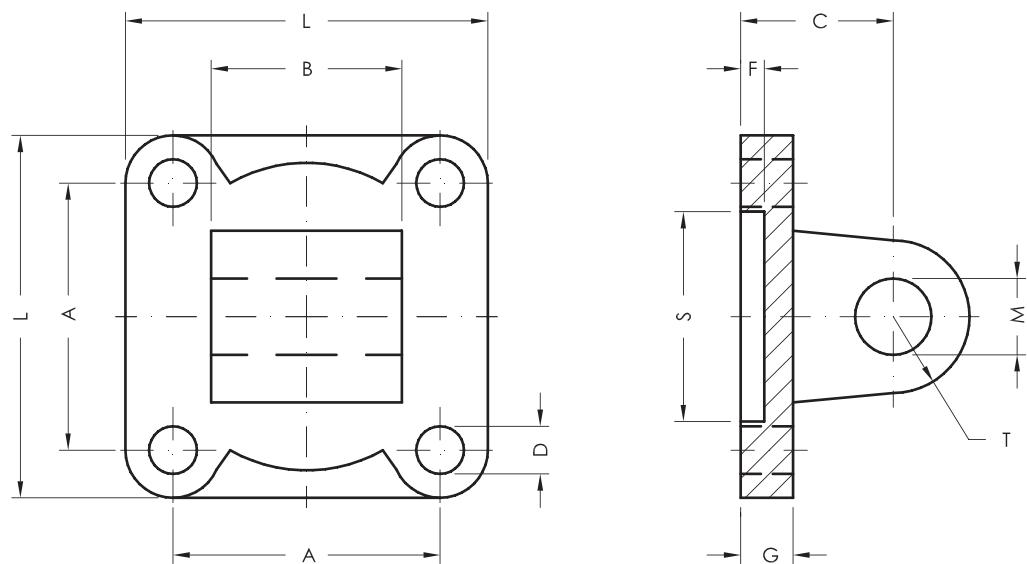
Type: GDAISI12Cu2Fe UNI 5076  
Tipo: GDAISI12Cu2Fe UNI 5076

Materiale: Alluminio  
FISSAGGI PER CILINDRI PNEUMATICI

# MALE HINGE CERNIERA MASCHIO

**CODE ORDERING | Codice ordinazione**

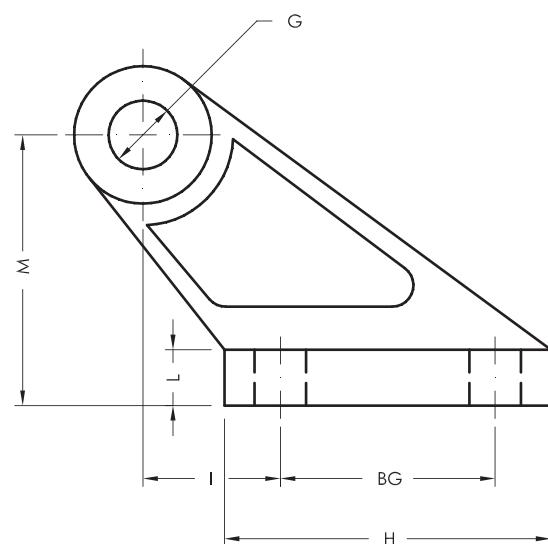
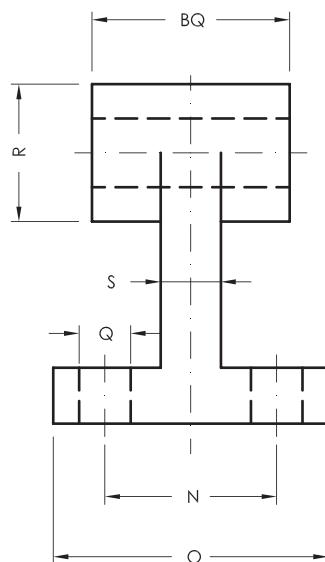
**0038 / diam.**



| Weight<br>peso (g) | D.cil. | A<br>$\pm 0.2$ | L   | D<br>H 13 | G  | F | T<br>max | S<br>H 11 | B<br>$-0.2$<br>$-0.6$ | C<br>$\pm 0.2$ | M<br>H 9 |
|--------------------|--------|----------------|-----|-----------|----|---|----------|-----------|-----------------------|----------------|----------|
| 56                 | 32     | 32.5           | 45  | 7         | 10 | 4 | 10       | 30        | 26                    | 22             | 10       |
| 90                 | 40     | 38             | 55  | 7         | 10 | 5 | 12       | 35        | 28                    | 25             | 12       |
| 123                | 50     | 46.5           | 65  | 9         | 10 | 5 | 12       | 40        | 32                    | 27             | 12       |
| 231                | 63     | 56.5           | 75  | 9         | 12 | 5 | 16       | 45        | 40                    | 32             | 16       |
| 408                | 80     | 72             | 95  | 11        | 16 | 5 | 16       | 47        | 50                    | 36             | 16       |
| 646                | 100    | 89             | 115 | 11        | 16 | 5 | 20       | 57        | 60                    | 41             | 20       |

SQUARE JOINT  
ARTICOLAZIONE  
A SQUADRA

CODE ORDERING | Codice ordinazione

**0024 / diam.**

| Weight<br>peso (g) | D.cil.<br>H 13 | Q<br>JS 14 | BG<br>JS 14 | H   | I<br>±0.5 | L  | M<br>±0.2 | N<br>JS 14 | O   | S  | R<br>max | BQ<br>-0.2<br>-0.6 | G<br>H 9 |
|--------------------|----------------|------------|-------------|-----|-----------|----|-----------|------------|-----|----|----------|--------------------|----------|
| 54                 | 32             | 7          | 20          | 37  | 18        | 8  | 32        | 25         | 41  | 9  | 19       | 26                 | 10       |
| 136                | 40             | 9          | 32          | 54  | 25        | 10 | 45        | 32         | 52  | 14 | 25.5     | 28                 | 12       |
| 140                | 50             | 9          | 32          | 54  | 25        | 10 | 45        | 32         | 52  | 14 | 25.5     | 32                 | 12       |
| 295                | 63             | 11         | 50          | 75  | 32        | 12 | 63        | 40         | 63  | 14 | 32       | 40                 | 16       |
| 313                | 80             | 11         | 50          | 75  | 32        | 12 | 63        | 40         | 63  | 14 | 32       | 50                 | 16       |
| 710                | 100            | 14         | 70          | 103 | 40        | 17 | 90        | 50         | 80  | 22 | 42       | 60                 | 20       |
| 820                | 125            | 14         | 70          | 103 | 40        | 17 | 90        | 50         | 80  | 22 | 46       | 70                 | 25       |
| 1974               | 160-200        | 18         | 110         | 154 | 50        | 20 | 140       | 63         | 110 | 26 | 53.5     | 89                 | 30       |

G1

# CHARACTERISTICS OF THE ALUMINIUM

## CARATTERISTICHE DELL'ALLUMINIO

NORM/NORMA  
EN AB 46100

### CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

| %   | Fe   | Mn   | Mg   | Si    | Cu   | Sn   | Zn   | Ti   | Ni   | Pb   | Others<br>Altri | Alu  |
|-----|------|------|------|-------|------|------|------|------|------|------|-----------------|------|
| max | 1,00 | 0,50 | 0,30 | 12,50 | 2,50 | 0,10 | 0,80 | 0,15 | 0,30 | 0,15 | 0,25            | REST |
| min | 0,70 |      |      | 11,00 | 1,75 |      |      |      |      |      |                 | TOT  |

### MECHANICAL PROPERTY | PROPRIETÀ MECCANICHE

| ON TEST TUBE UNI 3039<br>SU PROVETTA UNI 3039 | R<br>N/mm <sup>2</sup> |     | Rp 0,2<br>N/mm <sup>2</sup> |   | A<br>% | HB |
|---|------------------------|-----|-----------------------------|---|--------|----|
|   | max                    | 295 | 195                         | 2 |        |    |
|   | min                    | 265 | 155                         | 1 |        |    |

### TECHNOLOGY CHARACTERISTICS | CARATTERISTICHE TECNOLOGICHE

|   |                          |
|---|--------------------------|
| Specific weight   peso specifico                                      | 2,67 kg/dm <sup>3</sup>  |
| Fusion point interior   punto di fusione interiore                    | 505°C                    |
| Fusion point superior   punto di fusione superiore                    | 585°C                    |
| Specific heat (to 100°C)   calore specifico (a 100°C)                 | ~ 23 cal/g               |
| Latent heat of fusion   calore latente di fusione                     | ~ 93 cal/g               |
| Conductibility thermally (to 20°C)   condutività termica (a 20°C)     | 0,33 cal/cm sec °C       |
| Module of elasticity   modulo elasticità                              | 7.600 Kg/mm <sup>2</sup> |
| Maximum temperature of fusion   temperatura massima di fusione        | 750°C                    |
| Interval of casting under pressure   intervallo colata sottopressione | 600-700°C                |
| Linear retirement   ritiro lineare                                    | -0,70%                   |
| Castingility   colabilità   | good - buona             |
| Machinability   lavorabilità all'utensile                             | sufficient - sufficiente |
| Burnishility   lucidabilità   | sufficient - sufficiente |
| Mechanics resistance to warm   resistenza meccanica a caldo           | sufficient - sufficiente |
| Fragility of retirement   fragilità di ritiro                         | little - piccola         |
| Tenure to pressure   tenuta a pressione                               | sufficient - sufficiente |
| Corrosions resistance   resistenza alla corrosione                    | sufficient - sufficiente |

RAW MATERIAL IS PURCHASED BY NR SRL  
AND GIVEN TO THE FOUNDRIES THAT PRODUCE  
OUR PARTS

THE MOLDS ARE EXCLUSIVE PROPERTY  
OF NR SRL

I LINGOTTI DI ALLUMINIO SONO ACQUISTATI DIRETTAMENTE  
DALLA NR S.r.l. E VENGONO CONSEGNATI ALLE FONDERIE  
PER PRODURRE I NOSTRI PEZZI

ANCHE GLI STAMPI PER LA REALIZZAZIONE  
SONO DI NOSTRA ESCLUSIVA PROPRIETÀ



INFORMATION  
INFORMAZIONI

CHARACTERISTICS  
OF THE STEEL AND  
STAINLESS STEEL  
CARATTERISTICHE  
DELL'ACCIAIO E INOX

CHEMICAL COMPOSITION | COMPOSIZIONE CHIMICA

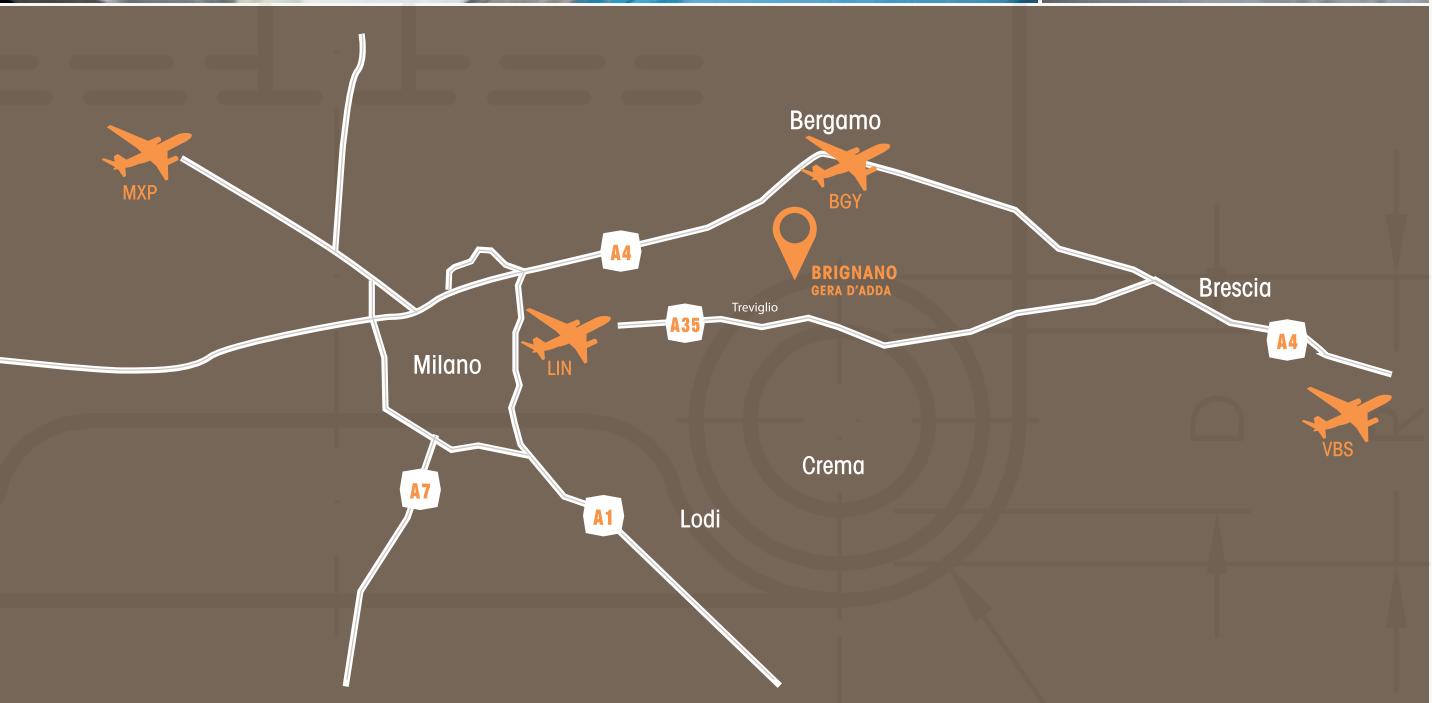
| DESCRIPTION   DESCRIZIONE                      | %   | C     | Mn    | P     | S     | Si    | Cr     | Ni     | Cu    | Mo    |
|--|-----|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| Steel - Acciaio > ASTM A-105 / DIN C21         | max | 0,350 | 1,050 | 0,035 | 0,040 | 0,350 | 0,300  | 0,400  | 0,040 | 0,120 |
|  | min |       | 0,600 |       |       | 0,100 |        |        |       |       |
| Steel - Acciaio > S235JRG2 / EN 10025          | max | 0,170 | 1,400 | 0,045 | 0,045 |       |        |        |       |       |
|  | min |       |       |       |       |       |        |        |       |       |
| Stainless Steel - Inox > AISI 304 / WST 1.4301 | max | 0,070 | 2,000 | 0,045 | 0,015 | 1,000 | 19,500 | 10,500 |       |       |
|  | min |       |       |       |       |       | 17,000 | 8,000  |       |       |
| Stainless Steel - Inox > AISI 316 / WST 1.4401 | max | 0,070 | 2,000 | 0,045 | 0,015 | 1,000 | 18,500 | 13,000 |       | 2,500 |
|  | min |       |       |       |       |       | 16,500 | 10,000 |       | 2,000 |

MECHANICAL PROPERTY | PROPRIETÀ MECCANICHE

| DESCRIPTION   DESCRIZIONE                      | R<br>N/mm <sup>2</sup> | RP 0,2<br>N/mm <sup>2</sup> | A<br>% | HB  | KV  |
|--|------------------------|-----------------------------|--------|-----|-----|
| Steel - Acciaio > ASTM A-105 / DIN C21         | max                    |                             |        |     | 187 |
|  | min                    | 485                         | 250    | 22  |     |
| Steel - Acciaio > S235JRG2 / EN 10025          | max                    | 710                         |        |     |     |
|  | min                    | 420                         | 300    | 9   |     |
| Stainless Steel - Inox > AISI 304 / WST 1.4301 | max                    | 700                         |        | 215 | 100 |
|  | min                    | 500                         | 190    | 45  |     |
| Stainless Steel - Inox > AISI 316 / WST 1.4401 | max                    | 700                         |        | 215 | 100 |
|  | min                    | 500                         | 200    | 40  |     |







NR di Nisoli s.r.l. con unico socio  
24053 Brignano Gera d'Adda (BG) | ITALY  
Via Treviglio, 9 | info@nrnisoli.com  
Tel. +39 0363 814010 | Fax +39 0363 382460

W W W . n r n i s o l i . c o m